

Технические характеристики

По вопросам продаж и поддержки обращайтесь:





Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70




Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47






Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132



Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93




RESISTORS, FIXED - AUTOMOTIVE










Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
AC, AC-AT		Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	See datasheet	5	0.10	2.4 K
				1				0.10	2.4 K
				2.5				0.10	5.1 K
				3				0.10	5.1 K
				3.5				0.10	6.8 K
				4				0.10	6.8 K
				4.7				0.10	10 K
				5				0.10	10 K
				5.8				0.10	15 K
				7				0.10	15 K
				8.4				0.22	27 K
				10				0.22	27 K
CDMM		Molded Thick Film Divider, High Voltage, High Precision, Surface-Mount	Resistors, Fixed	1.5	4527		0.5	500 K	50 M
CH, CHA		AEC-Q200 Qualified High Frequency 70 GHz Thin Film Chip Resistor	Resistors, Fixed	0.030	02016	100	1	10	500
				0.050	0402			10	500
				0.125	0603			10	500
CHP, HCHP		High Stability Resistor Chips (< 0.25 % at Pn at 70 °C during 1000 h) Thick Film Technology	Resistors, Fixed	0.050	0502	100	0.5	0.1	25 M
				0.125	0603			0.1	25 M
					0505			0.1	10 M
				0.200	0805			0.1	25 M
				0.250	1206			0.1	50 M
					1005			0.1	50 M







Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				Min. (Ω)	Max. (Ω)
				0.500	1010			0.1	25 M
					1505			0.1	75 M
				0.750	2208			0.1	100 M
				1.000	1020			0.1	10 M
					2010			0.1	100 M
				2.000	2512			0.1	100 M
CMA 0204		High Pulse Load Carbon Film MINI-MELF Resistors	Resistors, Fixed	0.4	0204		2	10	100 K
CMB 0207		High Pulse Load Carbon Film MELF Resistors	Resistors, Fixed	1.0	0207		1	2.2	1.5 M
CRCW-HP e3		Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	0.5	1	1 M
				0.33	0603			1	1 M
				0.5	0805			1	1 M
				0.75	1210			1	1 M
				0.753	1206			1	1 M
				1.0	2010			1	1 M
				1.5	1218			1	1 M
					2512				Zero Ohm Jumper
					2010		Zero Ohm Jumper	Zero Ohm Jumper	
					1218		Zero Ohm Jumper	Zero Ohm Jumper	
					1210		Zero Ohm Jumper	Zero Ohm Jumper	
					1206		Zero Ohm Jumper	Zero Ohm Jumper	





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Thick Film Chip Resistors, High Voltage	Resistors, Fixed		0805	100	1	Zero Ohm Jumper	Zero Ohm Jumper
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
CRHA		Thick Film Chip Resistors, High Voltage	Resistors, Fixed		1206	100	1	2 M	100 M
					1210			4 M	100 M
					2010			6 M	100 M
					2510			10 M	500 M
					2512			10 M	500 M
CRMA		Thick Film Chip Resistors, High Voltage	Resistors, Fixed		1206			Zero Ohm Jumper	Zero Ohm Jumper
					1210			Zero Ohm Jumper	Zero Ohm Jumper
					2010			Zero Ohm Jumper	Zero Ohm Jumper
					2510			Zero Ohm Jumper	Zero Ohm Jumper
					2512			Zero Ohm Jumper	Zero Ohm Jumper
D/CRCW		Lead (Pb)-Bearing Thick Film, Rectangular Chip Resistors	Resistors, Fixed						
D/CRCW e3		Standard Thick Film Chip Resistors	Resistors, Fixed		0402	100	1	1	10 M
					0603			1	10 M
					0805			1	10 M
					1206			1	10 M
					1210			1	10 M
					2010			1	10 M




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				1.0	1218			1	2.2 M
					2512			1	10 M
					2010			Zero Ohm Jumper	Zero Ohm Jumper
					1218			Zero Ohm Jumper	Zero Ohm Jumper
					1210			Zero Ohm Jumper	Zero Ohm Jumper
					1206			Zero Ohm Jumper	Zero Ohm Jumper
					0805			Zero Ohm Jumper	Zero Ohm Jumper
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
D/CRCW-IF e3		Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
				0.10	0603			1	100 K
				0.125	0805			1	100 K
				0.25	1206			1	100 K
				0.50	1210			1	100 K
				0.75	2010			1	100 K
				1.0	2512			1	100 K
D/CRCW-P e3		Semi-Precision Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	50	0.25	1	10 M
				0.10	0603			1	10 M
				0.125	0805			10	10 M




Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				Min. (Ω)	Max. (Ω)
				0.25	1206			10	10 M
				0.5	1210			10	10 M
				0.75	2010			10	10 M
				1.0	1218			10	10 M
					2512			10	10 M
				D2TO20				Surface Mount Power Resistor Thick Film Technology	Resistors, Fixed
D2TO35		Surface Mount Power Resistor Thick Film Technology	Resistors, Fixed	35	TO-263	150	1	10 m	550 K
DTO25		Surface Mounted Power Resistor Thick Film Technology	Resistors, Fixed	25	TO-252 (DPAK)	150	1	16 m	700 K
DTO35		Surface Mounted Power Resistor Thick Film Technology	Resistors, Fixed	35	TO-252 (DPAK)	150	1	16 m	700 K
FCHP		High Frequency 60 GHz High Power 1 W Thin Film Surface Mount Chip Resistor	Resistors, Fixed	1	0402	25	0.1	1	10
HRHA		Charging Resistor for EV Hybrid Wirewound Technology	Resistors, Fixed	54			5	1	1 K
				90				1	1 K
L		SMD Wraparound Ultra Low Value Thin Film Resistors	Resistors, Fixed	0.125	0603	50	1	0.1	9.99
				0.2	0805			0.1	9.99
				0.33	1206			0.1	9.99
				0.5	1505			0.1	9.99
				1.0	2010			0.1	9.99
				2.0	2512			0.1	9.99
LPSA 300		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	300		150	5	0.3	900 K
LPSA 600		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	600		150	5	0.3	900 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
LPSA 800		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	800		150	5	0.3	900 K
LTO 100		Power Resistor Thick Film Technology	Resistors, Fixed	100	TO-247	350	6	15 m	0.2
LTO 150		Clip Mount Power Resistor Thick Film Technology	Resistors, Fixed	150	TO-247	350	6	30 m	0.2
MBA/SMA 0204, MBB/SMA 0207, MBE/SMA 0414 - Professional		Professional Metal Film Leaded Resistors	Resistors, Fixed	0.4	0204	25	0.5	0.22	10 M
				0.6	0207			0.22	22 M
				1.0	0414			0.22	22 M
								Zero Ohm Jumper	Zero Ohm Jumper
MC ATAU - Precision		Precision Gold Terminated Thin Film Chip Resistors for Conductive Gluing	Resistors, Fixed	0.100	0402	15	0.1	100	47 K
				0.125	0603			100	100 K
MCS 0402 AT, MCT 0603 AT, MCU 0805 AT, MCA 1206 AT - Precision		Precision Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	10	0.1	47	1 M
				0.125	0603	5		47	2 M
				0.200	0805	10		47	7.5 M
				0.400	1206		47	10 M	
MCS 0402 AT, MCT 0603 AT, MCU 0805 AT, MCA 1206 AT - Professional		Professional Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	25	0.5	1	221 K
				0.150	0603			1	511 K
				0.200	0805			1	1 M
				0.400	1206			1	1 M
MCS 0402 HP, MCT 0603 HP, MCU 0805 HP		High Power Thin Film Chip Resistors	Resistors, Fixed	0.200	0402	25	0.1	47	100 K
				0.250	0603			1	100 K
				0.400	0805			1	100 K
MCW 0406 AT - Precision		Precision Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.25	0406	15	0.1	1	100 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MCW 0406 AT, MCW 0612 AT - Professional		Professional Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.3	0406	25	0.5	1	100 K
				1.0	0612			1	100 K
MMA 0204 HT Professional		Professional High Temperature Thin Film MELF Resistors	Resistors, Fixed	0.5	0204	25	0.5	47	100 K
MMU 0102, MMA 0204, MMB 0207 - Precision		Precision Thin Film MELF Resistors	Resistors, Fixed	0.2	0102	15	0.1	22	332 K
				0.25	0204			10	511 K
				0.4	0207			15	1 M
MMU 0102, MMA 0204, MMB 0207 - Professional		Professional Thin Film MELF Resistors	Resistors, Fixed	0.3	0102	25	0.5	0.22	2.21 M
				0.4	0204			0.22	10 M
				1.0	0207			0.1	15 M
NCW 0406 AT, NCW 0612 AT		Low Ohmic Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.3	0406	50		0.33	0.91
				1	0612			0.10	0.91
P		High Precision Wraparound - Wide Ohmic Value Range Thin Film Chip Resistors, Sulfur Resistant	Resistors, Fixed	0.030	0302	5	0.01	10	420 K
				0.040				10	420 K
					0402			10	1 M
				0.050	0505			10	4 M
				0.063	0402			10	1 M
				0.100	0603			10	3.2 M
					0505			10	4 M
					0603			10	3.2 M
					0805			10	8 M
					1005			10	7.5 M
				0.175	1505			10	13.8 M
				0.200	0805			10	8 M
					1005			10	7.5 M
0.250	1206	10	22 M						





Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				Min. (Ω)	Max. (Ω)
				0.330				10	22 M
				0.350	1505			10	13.8 M
				0.500	2010			10	62 M
				1				10	62 M
					2512			10	86 M
				2				10	86 M
PAT		Precision Automotive Thin Film Chip Resistors, AEC-Q200 Qualified, Hi-Rel COTS	Resistors, Fixed	0.05	0402	25	0.1	1	10
				0.15	0603			1	10
				0.2	0805			1	10
				0.4	1206			1	10
					1505			1	10
				0.75	2208			1	10
				0.8	2010			1	10
1	2512	1	10						
PATT		Precision Automotive High Temperature (155 °C at Full Rated Power) Thin Film Chip Resistor, AEC-Q200 Qualified	Resistors, Fixed	0.05	0402	25	0.1	1.5	51 K
				0.15	0603			2.75	120 K
				0.2	0805			2.75	301 K
				0.4	1206			1.0	1 M
PHPA		High Power Thin Film Wraparound Chip Resistor AEC-Q200 Qualified	Resistors, Fixed	1	1206	25	0.1	1	10
				2.5	2512			1	10
PLTT		Precision Low TCR High Temperature Thin Film Resistor, Surface Mount Chip, ± 5 ppm/°C TCR, 0.02 % Tolerance	Resistors, Fixed	0.15	0603	5	0.02	75	130 K
				0.25	0805			250	260 K
				0.4	1206			500	775 K
				0.8	2010			500	2 M
				1	2512			500	3 M


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
PR01, PR02, PR03		Power Metal Film Leaded Resistors	Resistors, Fixed	1	0207	250	1	0.22	1 M
				1.3	0411			1	1 M
				2				0.33	1 M
				2.5	0617			1	1 M
				3				0.68	1 M
RCA		Automotive Grade Thick Film, Rectangular Chip Resistors	Resistors, Fixed	0.063	0402	100	1	10	10 M
				0.10	0603			1	10 M
				0.125	0805			1	10 M
				0.25	1206			1	10 M
				0.5	1210			1.0	10 M
				0.75	2010			1.0	10 M
				1.0	1218			1.0	2.2
					2512			1.0	10 M
								Zero Ohm Jumper	Zero Ohm Jumper
RCA e3		Sulfur Resistant Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	50	0.5	1	10 M
				0.10	0603			1	10 M
				0.125	0805			1	10 M
				0.25	1206			1	10 M
				0.5	1210			1	10 M
				0.75	2010			1	10 M
				1.0	1218			1	10 M
								1	10 M
					2512			Zero Ohm Jumper	Zero Ohm Jumper
					2010			Zero Ohm Jumper	Zero Ohm Jumper










Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					1218			Zero Ohm Jumper	Zero Ohm Jumper
					1210			Zero Ohm Jumper	Zero Ohm Jumper
					1206			Zero Ohm Jumper	Zero Ohm Jumper
					0805			Zero Ohm Jumper	Zero Ohm Jumper
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
RCA-AU e4		Sulfur Resistant, Gold Terminated Thick Film Chip Resistors for Conductive Gluing	Resistors, Fixed	0.1	0402	100	1	1	10 M
				0.15				1	10 M
					0603		Zero Ohm Jumper	Zero Ohm Jumper	
					0402		Zero Ohm Jumper	Zero Ohm Jumper	
RCA-HP e3		Sulfur Resistant, Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	1	1	1 M
				0.33	0603			1	1 M
				0.5	0805			1	1 M
				0.75	1210			1	1 M
				0.753	1206			1	1 M
				1.0	2010			1	1 M
				1.5	1218			1	1 M
					2512			1	1 M
RCA-IF e3		Sulfur Resistant, Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
				0.1	0603			1	100 K









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.125	0805			1	100 K
			0.25	1206	1	100 K			
			0.5	1210	1	100 K			
			0.75	2010	1	100 K			
			1.0	2512	1	100 K			
RCA-LS e3		Sulfur Resistant, Long Side Termination Thick Film Chip Resistors	Resistors, Fixed	0.25	0406	100	1	1	1 M
				1.0	1020			1	1 M
					1218			1	2.2 M
				1.02	n/a			1	39.2 K
				2.02	1225			40.2 K	1 M
						1	1 M		
					1218	Zero Ohm Jumper	Zero Ohm Jumper		
					1020	Zero Ohm Jumper	Zero Ohm Jumper		
					0612	Zero Ohm Jumper	Zero Ohm Jumper		
					0406	Zero Ohm Jumper	Zero Ohm Jumper		
				RCC e3		Medium Power Thick Film Chip Resistors	Resistors, Fixed	0.125	0402
0.2	0603	1	10 M						
0.25	0805	1	10 M						
0.5	1206	1	1 M						
		Zero Ohm Jumper	Zero Ohm Jumper						









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCL e3		Long Side Termination Thick Film Chip Resistors	Resistors, Fixed	0.25	0805	100	1	Zero Ohm Jumper	Zero Ohm Jumper
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
					0406			1	1 M
				1.0	n/a	100	1	1	39.2 K
					1020			40.2 K	1 M
					1218			1	1 M
					1218			1	2.2 M
				2.0	1225	100	1	1	1 M
					1218			Zero Ohm Jumper	Zero Ohm Jumper
					1020			Zero Ohm Jumper	Zero Ohm Jumper
					0406			Zero Ohm Jumper	Zero Ohm Jumper
RCS e3		Anti-Surge, High Power Thick Film Chip Resistors	Resistors, Fixed	0.2	0402	100	0.5	1	10 M
					0603			1	10 M
					0805			1	10 M
					0805			1	10 M
				0.5	1206	100	0.5	Zero Ohm Jumper	Zero Ohm Jumper
					0805			Zero Ohm Jumper	Zero Ohm Jumper









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
RCV-AT e3		High Voltage (Up to 3 kV) Thick Film Chip Resistors	Resistors, Fixed	0.75	2010	100	1	100 K	100 M
				1.0	2512			100 K	100 M
RCWE		Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	0.125	0402	100	0.5	33 m	0.976
				0.2	0603			10 m	0.976
				0.25	0805			10 m	0.976
				0.5	1206			10 m	0.976
				1.0	0612		1	10 m	0.976
					1210			0.5	10 m
				2.0	2010		1		10 m
					1020			0.5	10 m
2512	10 m	0.976							
RCWL		Thick Film Surface Mount Chip Resistors, Wraparound, Low Value (0.1 Ohm to 0.91 Ohm)	Resistors, Fixed	0.063	0402	600	5	0.22	0.43
				0.1	0603	400		0.10	0.43
				0.125	0805	300		0.10	0.43
								0.25	1206
				0.33	1210	200		0.10	0.91
								0.5	2010
				1.0	1218			0.10	0.91
					2512			0.10	0.91
RHA		Pre-Charge and Discharge, Chassis Mount Wirewound Resistor	Resistors, Fixed	7.5	n/a	See datasheet	1	0.1	3.32 K
				12.5				0.1	5.62 K
				25				0.1	12.1 K
				50				0.1	39.2 K

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RV		High Precision Wraparound Thin Film Chip Resistors	Resistors, Fixed	0.125	0505	10	0.1	100	260 K
					0603			100	260 K
				0.200	0805			100	300 K
				0.330	1206			100	1 M
SMM0204		Thin Film Mini-MELF Resistors	Resistors, Fixed	0.4	0204	15	0.1	0.22	10 M
SMM0207		Thin Film MELF Resistors	Resistors, Fixed	1.0	0207	15	0.1	0.16	10 M
									Zero Ohm Jumper
TNPu e3		Ultra Precision Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	5	0.05	100	100 K
				0.1	0603	2		0.02	100
				0.125	0805		100		332 K
				0.25	1206	100	511 K		
TNPV e3		High Voltage Thin Film Flat Chip Resistors	Resistors, Fixed	0.20	0805	10	0.1	180 K	1 M
				0.25	1206			160 K	2 M
				0.33	1210			121 K	3.01 M
TNPW e3		High Stability Thin Film Flat Chip Resistors	Resistors, Fixed	0.075	0201	10	0.1	22	40 K
				0.100	0402			10	100 K
				0.125	0603			1	332 K
				0.200	0805			1	1 M
				0.400	1206			1	2 M
				0.500	1210			10	3.01 M
VR25, VR37, VR68		High Ohmic / High Voltage Metal Glaze Leded Resistors	Resistors, Fixed	0.25	0207	200	1	100 K	22 M
				0.5	0309			100 K	33 M
				1.0	0718			100 K	68 M
WFM		Power Metal Plate™ Current Sense Resistors, Low Value (5 mΩ to 500 mΩ), Surface-Mount,	Resistors, Fixed	2.0	2010		1	10 m	0.500
				3.0	2512			10 m	0.500

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				4.0				10 m	0.500
WFP		Power Metal Plate™ Current Sense Resistors, Low Value (2 mΩ to 8 mΩ), Hybrid Mount, High Power	Resistors, Fixed	20	3939		1	2 m	8 m
WK2, WR4, WR5, WK8		High Pulse Load, High Power Metal Oxide Leaded Resistors	Resistors, Fixed	1	0207	50	1	0.22	1 M
				2	0414	200		2	0.33
				3	0617		0.22		560 K
				4	0922		0.22	100 K	
WSBS5216		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ)	Resistors, Fixed	12	5216		See datasheet	5	50 μ
WSBS5216...14		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ), Sn Plated	Resistors, Fixed	12	5216	See datasheet	5	50 μ	0.25 m
WSBS8518		Power Metal Strip® Battery Shunt Resistor, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...14		Power Metal Strip® Battery Shunt Resistor, Sn Plated, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...60		Power Metal Strip® Shunt Resistor With Two Sense Pins and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...80		Power Metal Strip® Shunt Resistor With Three Sense Pins, Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...P3		Power Metal Strip® Battery Shunt Resistor With M3 Tapped Holes and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes and Sn Plated Terminals	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)							
WSC, WSN		Wirewound Resistors, Precision Power, Surface Mount	Resistors, Fixed	0.5	2012	See datasheet	0.5	0.1	4.99
				1	25152515			0.1	2.77 K
				2	45274527			0.1	4.92 K
				3	6927			0.1	8 K
WSF		Metal Film Resistors, Power, Surface Mount	Resistors, Fixed	1.0	2515	100	0.5	10	10 K
				2.0				10	100 K
WSHM2818		Power Metal Strip® Resistors, High Power (7 W), Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	6	2818	See datasheet	0.5	0.101	0.2
				7				1 m	0.1
WSHP2818		Power Metal Strip® Resistors, High Power (10 W), Low Value (Down to 0.001 Ω), Surface-Mount	Resistors, Fixed	10	2818	See datasheet	0.5	1 m	0.1
WSK1216		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	1216	See datasheet	1	1 m	1 m
				5.0				0.5 m	0.5 m
				8.0				0.3 m	0.3 m
WSK2512		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ω), Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	2512	See datasheet	0.1	0.5 m	0.2
WSKW0612		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	0612	See datasheet	1	0.5 m	5 m
WSL		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ohm), Surface-Mount	Resistors, Fixed	0.1	0603	See datasheet	0.5	10 m	0.1
				0.125	0805			5 m	0.2
				0.25	1206			0.5 m	0.2
				0.5	2010			1 m	0.5
				1.0	2512			0.5 m	0.5
				2.0	2816			2 m	0.1


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSL, Wide Terminal		Power Metal Strip® Resistors, Wide Terminal, Low Inductance (< 1 nH), Surface-Mount	Resistors, Fixed	1.0	0612	See datasheet	1	0.75 m	5 m
				2.0	1020		0.5	1 m	6 m
WSL...18 High Power		Power Metal Strip® Resistors, High Power (2 x Standard WSL), Low Value (Down to 0.0005 Ohm), Surface Mount	Resistors, Fixed	0.20	0603	See datasheet	0.5	10 m	0.1
				0.25	0805			5 m	0.2
				0.5	1206			0.5 m	0.2
				1.0	2010			1 m	0.5
				2.0	2512			0.5 m	40 m
WSL2726		Power Metal Strip® Resistors, Low Value, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.2 m	5 m
WSL3637		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ohm), Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	3637	See datasheet	0.5	1 m	10 m
WSL3921, WSL5931		Power Metal Strip® Resistors, Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.1 m	4 m
				5.0	5931			2 m	3 m
					0.1 m			1 m	
WSL4026		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.2 m	5 m
WSLF		Power Metal Strip® Resistors, Low Value (Down to 0.0003 Ω), Surface-Mount	Resistors, Fixed	3.0	2512	See datasheet	1	4 m	4 m
				4.0				3 m	3 m
				6.0				1 m	2 m
				9.0				0.3 m	0.5 m
WSLP		Power Metal Strip® Resistors, Very High Power (to 3 W), Low Value (Down to 0.0005 Ω), Surface-Mount	Resistors, Fixed	0.4	0603	See datasheet	0.5	10 m	0.1
				0.5	0805			5 m	0.1
				1.0	1206			0.5 m	50 m
				2.0	2010			1 m	30 m
				3.0	2512			0.5 m	10 m








Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSLP2726		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	Resistors, Fixed	5.0	2726	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m
				10.0				0.3 m	0.3 m
				12.0				0.2 m	0.2 m
WSLP3921, WSLP5931		Power Metal Strip® Resistors, Very High Power (to 15 W), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	5.0	3921	See datasheet	1	2 m	4 m
				7.0	5931			3 m	3 m
				8.0				2 m	2 m
				9.0	3921			0.1 m	1 m
				10.0	5931			0.2 m	1 m
				15.0				0.1 m	0.1 m
WSLP4026		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	Resistors, Fixed	5.0	4026	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m
				10.0				0.3 m	0.3 m
				12.0				0.2 m	0.2 m
WSLS2512, Improved Stability		Power Metal Strip® Resistors, Improved Stability (0.25 % and 0.5 %), Low Value, Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.1
WSLT2010...18		Power Metal Strip® Resistors High Temperature (275 °C), High Power (1 W), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2010	75	0.5	10 m	0.50
WSLT2512		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.50
WSLT2726		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.3 m	5 m
WSLT3921, WSLT5931		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.2 m	4 m
				5.0	5931			0.3 m	3 m




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSLT4026		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.3 m	5 m
WSMS2908		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.0001 Ω)	Resistors, Fixed	3.0	2908	See datasheet	5	50 μ	1 m
WSR		Power Metal Strip® Resistors, Low Value (down to 0.001 Ω), Surface Mount	Resistors, Fixed	2.0	4527	See datasheet	0.5	1 m	1.0
				3.0				1 m	0.2
WSR High Power		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	5.0	4527	See datasheet	0.5	1 m	0.3








RESISTORS, FIXED - CURRENT SENSING




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
GRE1, GRE2		High Power, High Current Grid Resistors, 1 kW and Larger	Resistors, Fixed	1300	n/a	365	10	20 m	6.9
				1950				30 m	10.3
				2600				40 m	13.8
				3250				50 m	17.2
				3900				60 m	20.7
				4000				40 m	28
				4550				70 m	24.1
				5200				80 m	27.5
				5850				90 m	31
				6000				60 m	42
				6500				0.1	34.4
				7150				0.11	37.8
				7800				0.12	41.3
				8000				80 m	56
				10000				0.1	70
				12000				0.12	84
				14000				0.14	98
				16000				0.16	112
				18000				0.18	126
				20000				0.2	140
22000	0.22	154							
24000	0.24	168							

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
GRE3		High Power, High Current Grid Resistors, 6 kW and Larger	Resistors, Fixed	6000	n/a	365	10	80 m	40
				9000				0.12	60
				12000				0.16	80
				15000				0.2	100
				18000				0.24	120
				21000				0.28	140
				24000				0.32	160
				27000				0.36	180
				30000				0.4	200
				33000				0.44	220
				36000				0.48	240
L		SMD Wraparound Ultra Low Value Thin Film Resistors	Resistors, Fixed	0.125	0603	50	1	0.1	9.99
				0.2	0805			0.1	9.99
				0.33	1206			0.1	9.99
				0.5	1505			0.1	9.99
				1.0	2010			0.1	9.99
				2.0	2512			0.1	9.99
L-NS		Low Value (0.03 Ohm to 10 Ohm) Thin Film Resistor, Surface Mount Chip	Resistors, Fixed	0.125	0505	300	1	1	10
					0603			1	10
				0.2	0705			1	10
					0805			1	10
				0.25	1005			1	10
				0.33	1206			1	10
				0.4	0508			1	10
				0.5	0612			1	10
1505	1	10							










Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				(Ω)	Max. (Ω)
		Lead (Pb)-Free Thick Film, Wraparound Low Value Resistor (R = 0.25 Ω)	Resistors, Fixed	1	1020	300	1	1	10
					2010			1	10
				2	1225			1	10
					2512			1	10
LR		Lead (Pb)-Free Thick Film, Wraparound Low Value Resistor (R = 0.25 Ω)	Resistors, Fixed	2.0	2512	300	1	0.25	0.25
LVR		Wirewound Resistors, Precision Power, Low Value, Commercial, Axial Lead	Resistors, Fixed	1	n/a	See datasheet	1	10 m	
				3				5 m	0.2
				5				5 m	0.3
				10				10 m	
M49465 Military, RLV		Wirewound Resistors, Precision Power, Low Value, Military, MIL-PRF-49465 Qualified, Type RLV, Axial Lead	Resistors, Fixed	3	n/a	50	1	10 m	0.2
				5				10 m	0.5
MRS		Wirewound Resistor, Open Style, Current Shunts, Very Low Value	Resistors, Fixed			100	1	1 m	0.500
RCWE		Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	0.125	0402	100	0.5	33 m	0.976
				0.2	0603			10 m	0.976
				0.25	0805			10 m	0.976
				0.5	1206			10 m	0.976
				1.0	0612		1	10 m	0.976
					1210		0.5	10 m	0.976
					2010			10 m	0.976
				2.0	1020		1	10 m	0.976
					2512		0.5	10 m	0.976
				RCWH			Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	0.33









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCWL		Thick Film Surface Mount Chip Resistors, Wraparound, Low Value (0.1 Ohm to 0.91 Ohm)	Resistors, Fixed	0.063	0402	600	5	0.22	0.43
				0.1	0603	400		0.10	0.43
				0.125	0805	300		0.10	0.43
				0.25	1206			0.10	0.43
				0.33	1210	200		0.10	0.91
				0.5	2010			0.10	0.91
				1.0	1218			0.10	0.91
					2512		0.10	0.91	
RCWP Low Value		Thick Film Chip Resistors, Industrial, Low Value	Resistors, Fixed	0.05	0402	200	1	49.9 m	0.196
					0502			49.9 m	0.200
				0.07	0603			49.9 m	0.100
				0.125	0505	100		49.9 m	97.6 m
					0.15			0705	49.9 m
					1505	49.9 m		0.999	
				0.20	1005	49.9 m		0.999	
				0.225	2208	49.9 m		0.999	
				0.25	1206	49.9 m		0.999	
				0.50	1010	49.9 m		0.999	
				0.80	2010	49.9 m		0.999	
1.0	2512	49.9 m	0.999						
RSSD		Wirewound Resistor, Industrial High Power, Vitreous Tubular, Adjustable, Low Values 0.12 Ohm to 560 Ohm	Resistors, Fixed	16	0834	5	0.12	10	
				25	1050		0.12	22	
				42	1370		0.12	43	
				70	1694		0.33	75	
				100	20117		0.22	100	
				140	25138		0.10	150	












Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				Min. (Ω)	Max. (Ω)
		Wirewound Resistors, Molded Style, Current Shunts, Very Low Value, Four Terminal	Resistors, Fixed	200	25168	100	1	0.12	220
				280	30250			0.22	360
				450	40370			0.47	470
				600	50373			0.68	560
SPU Molded Style		Wirewound Resistors, Molded Style, Current Shunts, Very Low Value, Four Terminal	Resistors, Fixed	1	n/a	100	1	1 m	60 m
				2				1 m	60 m
				4				1 m	0.200
				5				10 m	0.500
SPU Open Style		Wirewound Resistors, Open Style, Current Shunts, Custom Tailored, Very Low Value, High Precision	Resistors, Fixed	1	n/a	100	1	1.67 m	20 m
				1.875				2.5 m	10 m
SR		Wirewound Resistors, Open Air, Current Sense, Low Value	Resistors, Fixed	3.0	n/a	200	1	2.5 m	0.10
				5.0				2.5 m	50 m
WFC		Metal Foil Current Sense Resistors, Low Value (Down to 0.001 Ω)	Resistors, Fixed	0.125	0402		1	3 m	50 m
				0.25	0603			5.1 m	30 m
				0.33				1 m	5 m
				0.5	1206			0.100	0.18
				0.50	0805			1 m	40 m
				1.0	1206			1 m	50 m
WFCP		Metal Foil Current Sense Resistors, Very High Power (to 2 W)	Resistors, Fixed	0.25	0402		1	2.5 m	50 m
				0.5	0603			2 m	30 m
				1.0	0612			5.1 m	30 m
				2.0				1 m	5 m
WFM		Power Metal Plate™ Current Sense Resistors, Low Value (5 mΩ to 500 mΩ), Surface-Mount, High Power	Resistors, Fixed	2.0	2010		1	10 m	0.500
				3.0	2512			10 m	0.500
				4.0				10 m	0.500

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WFP		Power Metal Plate™ Current Sense Resistors, Low Value (2 mΩ to 8 mΩ), Hybrid Mount, High Power	Resistors, Fixed	20	3939		1	2 m	8 m
WSBM8518		Power Metal Strip® Battery Shunt Resistor W/Molded Enclosure Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 500 μΩ)	Resistors, Fixed	25	8518	See datasheet	5	50 μ	0.5 m
				36				50 μ	0.5 m
WSBS5216		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ)	Resistors, Fixed	12	5216	See datasheet	5	50 μ	0.25 m
WSBS5216...14		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ), Sn Plated	Resistors, Fixed	12	5216	See datasheet	5	50 μ	0.25 m
WSBS8518		Power Metal Strip® Battery Shunt Resistor, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...14		Power Metal Strip® Battery Shunt Resistor, Sn Plated, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...20		Power Metal Strip® Shunt Resistor With Two Sense Pins, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...34		Power Metal Strip® Shunt Resistor, Low TCR (Down to < ± 10 ppm/°C), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	Resistors, Fixed	20	8518	See datasheet	5	0.1 m	1 m
				25				0.1 m	1 m
				36				0.1 m	1 m
WSBS8518...35		Power Metal Strip® Shunt Resistor With Sense Pins, Low TCR (Down to < ± 10 ppm/°C), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	Resistors, Fixed	20	8518	See datasheet	5	0.1 m	1 m
				25				0.1 m	1 m
				36				0.1 m	1 m
WSBS8518...40		Power Metal Strip® Shunt Resistor With Three Sense Pins, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...60		Power Metal Strip® Shunt Resistor With Two Sense Pins and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...80		Power Metal Strip® Shunt Resistor With Three Sense Pins, Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSBS8518...M3		Power Metal Strip® Battery Shunt Resistor With (50 $\mu\Omega$, 100 $\mu\Omega$, 125 $\mu\Omega$, and 250 $\mu\Omega$)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...M4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes Very Low Value (50 $\mu\Omega$, 100 $\mu\Omega$, 125 $\mu\Omega$, and 250 $\mu\Omega$)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P3		Power Metal Strip® Battery Shunt Resistor With M3 Tapped Holes and Sn Plated Terminals, Very Low Value (50 $\mu\Omega$, 100 $\mu\Omega$, 125 $\mu\Omega$, and 250 $\mu\Omega$)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes and Sn Plated Terminals, Very Low Value (50 $\mu\Omega$, 100 $\mu\Omega$, 125 $\mu\Omega$, and 250 $\mu\Omega$)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8536		Power Metal Strip® Battery Shunt Resistor Very Low Value (Down to 25 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...14		Power Metal Strip® Battery Shunt Resistor Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...20		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...40		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...60		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...80		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSHM2818		Power Metal Strip® Resistors, High Power (7 W), Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	6	2818	See datasheet	0.5	0.101	0.2
				7				1 m	0.1
WSHP2818		Power Metal Strip® Resistors, High Power (10 W), Low Value (Down to 0.001 Ω), Surface-Mount	Resistors, Fixed	10	2818	See datasheet	0.5	1 m	0.1






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSK1206		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	0.25	1206	35	0.1	10 m	50 m
WSK1206...18 High Power		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	0.5	1206	35	0.1	10 m	50 m
WSK1216		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	1216	See datasheet	1	1 m	1 m
				5.0				0.5 m	0.5 m
				8.0				0.3 m	0.3 m
								0.2 m	0.2 m
WSK2512		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ω), Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	2512	See datasheet	0.1	0.5 m	0.2
WSKW0612		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	0612	See datasheet	1	0.5 m	5 m
WSL		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ohm), Surface-Mount	Resistors, Fixed	0.1	0603	See datasheet	0.5	10 m	0.1
				0.125	0805			5 m	0.2
				0.25	1206			0.5 m	0.2
				0.5	2010			1 m	0.5
				1.0	2512			0.5 m	0.5
				2.0	2816			2 m	0.1
WSL, Wide Terminal		Power Metal Strip® Resistors, Wide Terminal, Low Inductance (< 1 nH), Surface-Mount	Resistors, Fixed	1.0	0612	See datasheet	1	0.75 m	5 m
				2.0	1020		0.5	1 m	6 m
WSL...18 High Power		Power Metal Strip® Resistors, High Power (2 x Standard WSL), Low Value (Down to 0.0005 Ohm), Surface Mount	Resistors, Fixed	0.20	0603	See datasheet	0.5	10 m	0.1
				0.25	0805			5 m	0.2
				0.5	1206			0.5 m	0.2
				1.0	2010			1 m	0.5
				2.0	2512			0.5 m	40 m
WSL2726		Power Metal Strip® Resistors, Low Value, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.2 m	5 m


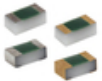
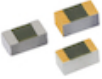




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSL3637		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ohm), Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	3637	See datasheet	0.5	1 m	10 m
WSL3921, WSL5931		Power Metal Strip® Resistors, Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.1 m	4 m
				5.0				5931	2 m
								0.1 m	1 m
WSL4026		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.2 m	5 m
WSLF		Power Metal Strip® Resistors, Low Value (Down to 0.0003 Ω), Surface-Mount	Resistors, Fixed	3.0	2512	See datasheet	1	4 m	4 m
				4.0				3 m	3 m
				6.0				1 m	2 m
				9.0				0.3 m	0.5 m
WSLP		Power Metal Strip® Resistors, Very High Power (to 3 W), Low Value (Down to 0.0005 Ω), Surface-Mount	Resistors, Fixed	0.4	0603	See datasheet	0.5	10 m	0.1
				0.5	0805			5 m	0.1
				1.0	1206			0.5 m	50 m
				2.0	2010			1 m	30 m
				3.0	2512			0.5 m	10 m
WSLP...18		Power Metal Strip® Resistors, Very High Power (1 W), Low Value (Down to 0.005 Ohm), Surface-Mount	Resistors, Fixed	1.0	0805	See datasheet	1	5 m	10 m
				2.0	1206			5 m	12 m
WSLP2726		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	Resistors, Fixed	5.0	2726	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m
				10.0				0.3 m	0.3 m
				12.0				0.2 m	0.2 m
WSLP3921, WSLP5931		Power Metal Strip® Resistors, Very High Power (to 15 W), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	5.0	3921	See datasheet	1	2 m	4 m
				7.0	5931			3 m	3 m
				8.0				2 m	2 m
				9.0	3921			0.1 m	1 m
				10.0	5931			0.2 m	1 m






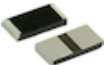


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				15.0				0.1 m	0.1 m
WSLP4026		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	Resistors, Fixed	5.0	4026	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m
				10.0				0.3 m	0.3 m
				12.0				0.2 m	0.2 m
WSLS2512, Improved Stability		Power Metal Strip® Resistors, Improved Stability (0.25 % and 0.5 %), Low Value, Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.1
WSLT2010...18		Power Metal Strip® Resistors High Temperature (275 °C), High Power (1 W), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2010	75	0.5	10 m	0.50
WSLT2512		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.50
WSLT2726		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.3 m	5 m
WSLT3921, WSLT5931		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.2 m	4 m
				5.0	5931			0.3 m	3 m
WSLT4026		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.3 m	5 m
WSMS2908		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.0001 Ω)	Resistors, Fixed	3.0	2908	See datasheet	5	50 μ	1 m
WSMS5515		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.00010 Ohms)	Resistors, Fixed	3.0	5515	See datasheet	5	50 μ	1 m
WSR		Power Metal Strip® Resistors, Low Value (down to 0.001 Ω), Surface Mount	Resistors, Fixed	2.0	4527	See datasheet	0.5	1 m	1.0
				3.0				1 m	0.2
WSR High Power		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	5.0	4527	See datasheet	0.5	1 m	0.3

RESISTORS, FIXED - HIGH FREQUENCY




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CCF02 (CCF-2)		Metal Film Resistors, Industrial Power, Flameproof	Resistors, Fixed	2.0		100	1	4.99	1 M
CH, CHA		AEC-Q200 Qualified High Frequency 70 GHz Thin Film Chip Resistor	Resistors, Fixed	0.030	02016	100	1	10	500
				0.050	0402			10	500
				0.125	0603			10	500
CHP, HCHP		High Stability Resistor Chips (< 0.25 % at Pn at 70 °C during 1000 h) Thick Film Technology	Resistors, Fixed	0.050	0502	100	0.5	0.1	25 M
				0.125	0603			0.1	25 M
					0505			0.1	10 M
				0.200	0805			0.1	25 M
					0.250			1206	0.1
				1005				1010	0.1
					0.500			1505	0.1
				0.750				2208	0.1
					1.000			1020	0.1
				2010				0.1	10 M
CHPFR		ESCC 4001/026 Qualified R Failure Rate High Precision Thick Film Chip Resistors	Resistors, Fixed	0.1	0603	100	1	1	10 M
				0.2	0805			1	10 M
				0.25	1206			1	10 M
				0.5	2010			1	10 M
				0.8	2512			1	10 M



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CHPHR		ESCC 4001/026 Qualified High Stability Thick Film Resistor Chips	Resistors, Fixed	0.1	0603	100	1	1	10 M
				0.2	0805			1	10 M
				0.25	1206			1	10 M
				0.5	2010			1	10 M
				0.8	2512			1	10 M
CMA 0204 HF		Pulse Load Carbon Film MINI-MELF Resistors for High Frequency Applications	Resistors, Fixed	0.4	0204	-250	2	47	300
CMF Flame Retardant		Metal Film Resistors, Axial, Industrial, Flame Retardant	Resistors, Fixed	1.25		100	1	1	15 M
				1.5				1	15 M
				1.75				1	15 M
				2				1	15 M
				2.5				1	15 M
				3				1	15 M
CMF Industrial		Metal Film Resistors, Axial, Industrial, Precision	Resistors, Fixed	0.125		25	0.1	10	22 M
				0.25				0.1	50 M
				0.5				0.1	50 M
				1				0.1	50 M
				1.25				1	22 M
				1.5				0.1	50 M
				1.75				1	22 M
CMF Non-Magnetic		Metal Film Resistors, Axial, Non-Magnetic, Industrial, Precision	Resistors, Fixed	0.125		25	0.1	10	22 M
				0.25				0.1	50 M
				0.5				0.1	50 M
				1				0.1	22 M
				1.25				1	22 M
				1.5				0.1	22 M



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				1.75				1	22 M
CPF		Metal Film Resistors, Axial, Industrial Power, Precision, Flameproof	Resistors, Fixed	1		25	0.1	0.1	150 K
				2				0.1	150 K
				3				0.1	150 K
FC		High Frequency (Up to 40 GHz) Resistor, Thin Film Surface Mount Chip	Resistors, Fixed	0.05	0402	25	0.1	10	1 K
				0.125	0505			20	1 K
					0603			10	1 K
				0.2	0805			10	1 K
				0.25	1005			10	1 K
0.33	1206	10	1 K						
FCHP		High Frequency 60 GHz High Power 1 W Thin Film Surface Mount Chip Resistor	Resistors, Fixed	1	0402	25	0.1	1	10
L		SMD Wraparound Ultra Low Value Thin Film Resistors	Resistors, Fixed	0.125	0603	50	1	0.1	9.99
				0.2	0805			0.1	9.99
				0.33	1206			0.1	9.99
				0.5	1505			0.1	9.99
				1.0	2010			0.1	9.99
				2.0	2512			0.1	9.99
MBA/SMA 0204 HF		High Frequency Thin Film Leaded Resistors	Resistors, Fixed						
MIB		Thin Film Microwave Resistor	Resistors, Fixed	0.025	0201	100	5	20	100
MIC		Thin Film Microwave Resistor	Resistors, Fixed	0.125	0402	25	1	2	20 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MID		Thin Film Microwave Resistor	Resistors, Fixed	0.200	0505	25	1	2	100 K
MIF		Thin Film Microwave Resistor	Resistors, Fixed	0.050	02016	100	1	20	100
MMU 0102 HF, MMA 0204 HF, MMB 0207 HF		High Frequency Thin Film MELF Resistors	Resistors, Fixed	0.3	0102	50	2	6.8	470
				0.4	0204		1	1.5	475
				1.0	0207		2	6.8	470
NSR		Wirewound Resistors, Noise Suppressor	Resistors, Fixed			250	10	1 K	15 K
PTF		Metal Film Resistors, Axial, High Precision, High Stability	Resistors, Fixed	0.05		5	0.02	15	100 K
				0.125			0.01	15	500 K
				0.25			0.05	15	1 M
RCP		Thick Film Chip Resistors, Industrial, High Power, Aluminum Nitride Substrate	Resistors, Fixed	1.4	0505	150	1	10	2 K
				1.5	0603			10	2 K
				2.4	1206			10	2 K
				3.5	2512			10	2 K
SPW		Carbon Film Resistors, Special Purpose, High Frequency Load (Tubes)	Resistors, Fixed	2		200	2	50	50
				10				50	50
				40				50	50
				55				50	50
				120				50	50
TMR		Thin Film Tapped Microwave Resistor	Resistors, Fixed	0.125	0206	100	10	100	430











RESISTORS, FIXED - HIGH-PULSE LOAD







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
AC, AC-AT		Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	See datasheet	5	0.10	2.4 K
				1				0.10	2.4 K
				2.5				0.10	5.1 K
				3				0.10	5.1 K
				3.5				0.10	6.8 K
				4				0.10	6.8 K
				4.7				0.10	10 K
				5				0.10	10 K
				5.8				0.10	15 K
				7				0.10	15 K
				8.4				0.22	27 K
				10				0.22	27 K
AC01-CS, AC03-CS, AC05-CS		Axial Cemented Fusible Leaded Wirewound Safety Resistors	Resistors, Fixed	1	n/a	200	5	3	100
				1.1				3	100
				2.5				4.7	100
				3				4.7	100
				4.5				10	100
				5				10	100
AH		Wirewound Resistors, Commercial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	45	n/a	100	5	0.1	50 K
				50				0.1	100 K
				55				0.1	100 K
				60				0.1	65 K
				75				0.1	80 K




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				100				0.1	100 K
150	0.1	100 K							
200	0.1	50 K							
250	0.1	65 K							
300	0.1	80 K							
ALSR, ALVR		Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	1	n/a	See datasheet	1	0.10	6.37 K
				3				0.10	12 K
				4				0.10	40.3 K
				5				0.10	58.5 K
				7				0.10	92 K
				10				0.10	92 K
ASE		Wirewound Resistors, Industrial Power, Silicone Coated, Adjustable Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
				90				0.1	5.7
				100				0.15	6.1
				110				0.2	7.4
				120				0.1	8.6
				140				80 m	9.0
				155				0.1	12.5
				165				0.35	13.0
				180				0.35	13.0
				240				0.1	18
				300				0.15	25
				375				0.2	32
				420				0.25	35.8
				500				0.3	46.2
750	0.35	81.3							





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				1000				1500	0.4
AST		Wirewound Resistors, Industrial Power, Silicone Coated, Adjustable Tubular	Resistors, Fixed	12	n/a	260	5	1	10.6 K
				15				0.1	60 K
				20				1	18 K
				25				1	26 K
				30				1	30 K
				50				1	54 K
				60				1	75 K
				70				1	84.3 K
				75				1	85.5 K
				80				1	111 K
				90				1	114 K
				100				1	131 K
				130				1	192 K
				175				1	398 K
				225				1	337 K
AVE		Wirewound Resistors, Industrial Power, Vitreous Coated, Adjustable Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
				90				0.1	5.7
				100				0.15	6.1
				110				0.2	7.4
				120				0.1	8.6
				140				80 m	9.0
				155				0.1	12.5
				165				0.35	13.0
				240				0.1	18

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
AVT		Wirewound Resistors, Industrial Power, Vitreous Coated, Adjustable Tubular	Resistors, Fixed	300	n/a	260	5	0.15	25
				375				0.2	32
				420				0.25	35.8
				12				0.1	10.6 K
				15				0.1	60 K
				20				1	18 K
				25				0.1	26 K
				30				0.1	30 K
				50				0.1	54 K
				60				0.1	75 K
				70				0.1	84.3 K
				75				0.1	85.5 K
				90				0.1	190 K
				100				0.1	131 K
BSI		Molded and Insulated Wirewound Power Resistors Axial Leads	Resistors, Fixed	1	058	100	0.5	0.1	2 K
				2	063			25 m	4 K
				3	068			10 m	15 K
				4	516			10 m	20 K
				5	523			15 m	40 K
				6	923			20 m	60 K
				8	932			35 m	100 K
				10	947			60 m	150 K





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
C38T, C42T, C52T, C52T Li, C64T		Reinforced Winding Wirewound Power Resistor	Resistors, Fixed	270			5	1.0	27 K
				480				1.0	56 K
				900				0.33	100 K
				1200				15	100
CA High Volume		Wirewound Resistors, Commercial Power, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	5	0.1	1 K
				2.0				0.1	1 K
CBB 0207		High Pulse Load Carbon Film Leded Resistors	Resistors, Fixed	0.6	n/a		2	10	1.5 M
CCF02 (CCF-2)		Metal Film Resistors, Industrial Power, Flameproof	Resistors, Fixed	2.0		100	1	4.99	1 M
CMA 0204		High Pulse Load Carbon Film MINI-MELF Resistors	Resistors, Fixed	0.4	0204		2	10	100 K
CMB 0207		High Pulse Load Carbon Film MELF Resistors	Resistors, Fixed	1.0	0207		1	2.2	1.5 M
CMF Pulse Withstanding		Metal Film Resistors, Axial, Industrial, Pulse Withstanding Protective	Resistors, Fixed	1.25		100	1	1	15 M
				1.5				1	15 M
				1.75				1	15 M
				2				1	15 M
				2.5				1	15 M
				3				1	15 M
CMS		Wirewound Resistors, Commercial Power, Silicone Coated, Capacitor Mount	Resistors, Fixed	16	n/a	See datasheet	5	1.0	59 K
				20				1.0	95 K
				22				1.0	105 K
CMV		Wirewound Resistors, Commercial Power, Vitreous Coated, Capacitor Mount	Resistors, Fixed	16	n/a	See datasheet	5	1.0	59 K
				20				1.0	95 K
				22				1.0	105 K
CP High Volume		Wirewound/Metal Oxide Resistors, Commercial	Resistors,	2	n/a	400	5	0.1	30 K





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Power, Axial Lead	Fixed	3				0.1	33 K
				5				0.1	50 K
				7				0.1	50 K
				10				0.1	50 K
				15				0.1	50 K
				20				0.1	50 K
CPCP, CPCF High Volume				Wirewound/Metal Oxide Resistors, Commercial Power, Vertical Mount	Resistors, Fixed	2	n/a	400	5
		3	0.1			50 K			
		5	0.1			50 K			
		7	0.1			50 K			
		10	0.1			100			
CPCP, CPCF		Wirewound / Metal Film Resistors, Commercial Power, Vertical Mount	Resistors, Fixed	2	n/a	20	1	0.1	150 K
				3				0.1	150 K
				5				0.1	150 K
				10				0.1	8 K
CPF		Metal Film Resistors, Axial, Industrial Power, Precision, Flameproof	Resistors, Fixed	1	25	0.1	0.1	150 K	
				2			0.1	150 K	
				3			0.1	150 K	
CPR High Volume		Wirewound/Metal Oxide Resistors, Commercial Power, Radial Terminals	Resistors, Fixed	3	n/a	400	5	0.1	100
				5				0.1	33 K
				10				0.5	10 K
				15				1	10 K
				20				1	10 K
CPSM		Wirewound/Metal Oxide Resistors, Commercial Power, Surface Mount	Resistors, Fixed	3	n/a	400	5	0.1	100
				5				0.1	33 K
CPW, CPWN		Wirewound Resistors, Commercial Power, Axial	Resistors,	2	n/a	30	1	0.1	7 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
		Lead	Fixed	3				0.1	7.5 K	
				5				0.1	8.5 K	
				7				0.1	18 K	
				10				0.12	30 K	
				15				0.12	30 K	
				20				0.18	45 K	
CRCW-37		Lead (Pb)-Bearing Thick Film, Rectangular Chip Resistors	Resistors, Fixed	0.25	1206	200	10	5.1	10 M	
				0.33	1210			5.1	10 M	
				1.0	2512			5.1	10 M	
CRCW-37 e3		Standard Thick Film Chip Resistors	Resistors, Fixed	0.25	1206	200	10	5.1	10 M	
				0.33	1210			5.1	10 M	
				1	2512			5.1	10 M	
CRCW-HP e3		Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	0.5	1	1 M	
				0.33	0603			1	1 M	
				0.5	0805			1	1 M	
				0.75	1210			1	1 M	
				0.753	1206			1	1 M	
				1.0	2010			1	1 M	
				1.5	1218			1	1 M	
					2512				Zero Ohm Jumper	Zero Ohm Jumper
					2010				Zero Ohm Jumper	Zero Ohm Jumper
					1218				Zero Ohm Jumper	Zero Ohm Jumper



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
								Zero Ohm Jumper	Zero Ohm Jumper
					1210			Zero Ohm Jumper	Zero Ohm Jumper
					1206			Zero Ohm Jumper	Zero Ohm Jumper
					0805			Zero Ohm Jumper	Zero Ohm Jumper
					0603			Zero Ohm Jumper	Zero Ohm Jumper
					0402			Zero Ohm Jumper	Zero Ohm Jumper
CS71		Wirewound, 300 W Liquid Cooled Load Resistor	Resistors, Fixed	300			5	0.25	37 K
CW - High Energy		Wirewound Resistors, High Energy, Silicone Coated, Axial Lead	Resistors, Fixed	3.0	n/a	See datasheet	5	1.5	87.5
				3.75				1.5	87.5
				5.0				5.5	343.6
				6.5				5.5	343.6
				10.0				15.0	938.0
				13.0				15.0	938.0
CW - High Surge		Wirewound Resistors, High Surge Immunity, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	5	0.1	6.37 K
				3.0				0.1	15 K
				3.75				0.1	15 K
				5.0				0.1	58.5 K
				6.5				0.1	58.5 K
				10.0				0.1	167 K
				13.0				0.1	167 K
CW		Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.5	n/a	See datasheet	5	0.1	1.77 K
				1.0				0.1	6.37 K
				2.5				0.1	19.9 K




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				3.0				0.1	15 K
3.25	0.1	19.9 K							
3.75	0.1	15 K							
4.0	0.1	40.3 K							
5.0	0.1	58.5 K							
5.5	0.1	28.7 K							
6.0	0.1								
6.5	0.1	58.5 K							
7.0	0.1	95.2 K							
9.0	0.1	95.2 K							
10.0	0.1	167 K							
13.0	0.1	167 K							
D/CRCW-IF e3		Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
				0.10	0603			1	100 K
				0.125	0805			1	100 K
				0.25	1206			1	100 K
				0.50	1210			1	100 K
				0.75	2010			1	100 K
				1.0	2512			1	100 K
DCRF		Direct Water Cooled Wirewound Resistor	Resistors, Fixed	1500			5	0.56	4.7
				3000	1			9.1	
				4500	1.5			15	
				6000	2			20	
				7500	2.4			24	
				9000	3			27	






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
EDGF, EDGA		Edgewound Power Resistor	Resistors, Fixed	400			10	53 m	1.230
				600				84 m	1.930
				800				0.115	2.640
				1000				0.146	3.350
				1200				0.176	4.040
				1400				0.200	4.730
				1600				0.237	5.440
EDGS		Stud Mount Edgewound Power Resistor (EDGS), Wirewound Resistors, Industrial Power	Resistors, Fixed	400			10	53 m	1.23
				600				84 m	1.93
				800				0.115	2.64
				1000				0.146	3.35
				1200				0.176	4.04
				1400				0.200	4.73
				1600				0.237	5.44
EDGU		Universal Edgewound Power Resistor (EDGU), Wirewound Resistors, Industrial Power	Resistors, Fixed	400			10	53 m	1.23
				600				84 m	1.93
				800				0.115	2.64
				1000				0.146	3.35
				1200				0.176	4.04
				1400				0.200	4.73
				1600				0.237	5.44
FA		Wirewound Resistor, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.75	n/a	30	0.1	0.1	1.5 K
				1.0				0.1	5 K
				1.5				0.1	5 K
				2.0				0.1	7.2 K
				2.6				0.1	7.2 K


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				3.0				0.1	11 K
				3.6				0.1	9.5 K
				3.7				0.1	11 K
				4.0				0.1	24 K
				5.0				0.1	42 K
				6.5				0.1	42 K
				7.0				0.1	80 K
				8.0				0.1	80 K
				10.0				0.1	100 K
				11.0				0.1	92 K
				12.5				0.1	100 K
FCHP		High Frequency 60 GHz High Power 1 W Thin Film Surface Mount Chip Resistor	Resistors, Fixed	1	0402	25	0.1	1	10
FDG, FDK, FDP		Axial Vitreous Leaded Wirewound Resistors with CECC Approval, Available with Established Reliability	Resistors, Fixed	3.0	n/a	100	2	0.10	10 K
				3.5				0.10	10 K
				5.5				0.10	39 K
				6.5				0.10	39 K
				10				0.15	68 K
				11.5				0.15	68 K
FP..P		Metal Film Resistors, Pulse Withstanding Protective	Resistors, Fixed	0.5			1	10	1 M
				1				10	1 M
				2				25	126 K
				3				46.4	125 K
FS		Wirewound Resistors, Industrial Power, Silicone Coated, Printed Circuit Board Mount	Resistors, Fixed	3	n/a	260	5	0.1	6 K
				5				0.1	15 K
				7				0.1	17.5 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				8				0.1	20.5 K
FSE		Wirewound Resistors, Industrial Power, Silicone Coated, Fixed Edgewound Tubular	Resistors, Fixed	10	n/a	260	5	0.1	29 K
				12				0.1	58 K
				20				0.1	95 K
				50				1	3.8
				90				0.1	5.7
				100				0.15	6.1
				110				0.2	7.4
				120				0.1	8.6
				140				80 m	9.0
				155				0.1	12.5
				165				0.35	13.0
				240				0.1	18
				300				0.15	25
				375				0.2	32
				420				0.25	35.8
				FSOT, FSOT...XX Flat					Wirewound Resistors, Industrial Power, Flat
15	0.1	26 K							
20	0.1	71 K							
30	0.1	11 K							
40	0.1	26 K							
55	0.1	54 K							


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				70				0.1	77 K
FST		Wirewound Resistor, Industrial Power, Silicone Coated, Fixed Tubular	Resistors, Fixed	95	n/a	260	5	0.1	99.9 K
				5				0.1	20.5 K
				12				0.1	58 K
				15				0.1	60 K
				20				0.1	95 K
				25				0.1	115 K
				30				0.1	56 K
				50				0.1	112 K
				60				0.1	145 K
				70				0.1	170 K
				75				0.1	276 K
				80				0.1	190 K
				90				0.1	238 K
				100				0.1	260 K
				130				0.1	380 K
175	0.1	500 K							
225	0.1	645 K							
FSTL, FSTS, FSWL		Wirewound Resistor, Industrial Power, Silicone Coated, Tubular	Resistors, Fixed	5	n/a	260	5	0.1	20.5 K
				5.25				0.1	15 K
				8				0.1	20.5 K
				10				0.1	29 K
				12				0.1	58 K
				15				0.1	60 K
				20				0.1	95 K







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
FVE		Wirewound Resistors, Industrial Power, Vitreous Coated, Fixed Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
				90				0.1	5.7
				100				0.15	6.1
				110				0.2	7.4
				120				0.1	8.6
				140				80 m	9.0
				155				0.1	12.5
				165				0.35	13.0
				240				0.1	18
				300				0.15	25
				375				0.2	32
				420				0.25	35.8
				500				0.3	46.2
FVOT		Wirewound Resistor, Industrial Power, Vitreous Coated, Miniature Flat	Resistors, Fixed	10	n/a	260	5	0.1	15 K
				15				0.1	26 K
				20				0.1	71 K
FVT		Wirewound Resistor, Industrial Power, Vitreous Coated, Fixed Tubular	Resistors, Fixed	5	n/a	260	5	0.1	20.5 K
				12				0.1	58 K
				15				0.1	60 K
				20				0.1	95 K
				25				0.1	115 K
				30				0.1	56 K
				50				0.1	112 K
				60				0.1	145 K
				70				0.1	170 K
				75				0.1	276 K











Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Wirewound Resistor, Industrial Power, Vitreous Coated, Tubular	Resistors, Fixed	80	n/a	260	5	0.1	190 K
				90				0.1	238 K
				100				0.1	260 K
				130				0.1	380 K
				175				0.1	500 K
				225				0.1	645 K
				5				0.1	20.5 K
FVTL, FVTS, FVWL		Wirewound Resistor, Industrial Power, Vitreous Coated, Tubular	Resistors, Fixed	5.25	n/a	260	5	0.1	15 K
				8				0.1	20.5 K
				10				0.1	29 K
				12				0.1	58 K
				15				0.1	60 K
				20				0.1	95 K
				1.0				0.1	3.4 K
G, GN		Wirewound Resistors, Miniature, Industrial, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.5	n/a	20	0.05	0.1	4.9 K
				2.0				0.1	10.4 K
				4.0				0.1	24.5 K
				5.0				0.1	32.3 K
				7.0				0.1	95.2 K
				10.0				0.1	95.2 K
				4				0.10	10 K
G200		Axial Vitreous Leaded Wirewound Resistors	Resistors, Fixed	7	n/a	100	2	0.10	39 K
				13				0.15	68 K
				17				0.20	120 K
				50				0.13	12
GBS, GBS E		Vitreous Wirewound Resistors with Corrugated Ribbon	Resistors, Fixed	80	n/a	See datasheet	5	0.13	12
								0.13	12




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				90				0.10	12
100	0.27	22							
120	0.15	16							
150	0.10	24							
160	0.27	22							
180	0.10	22							
200	0.15	27							
250	0.20	36							
300	0.10	27							
350	0.39	56							
375	0.30	36							
450	0.39	56							
550	0.75	75							
700	0.91	75							
750	0.75	75							
1000	0.91	75							
GRE1, GRE2		High Power, High Current Grid Resistors, 1 kW and Larger	Resistors, Fixed	1300	n/a	365	10	20 m	6.9
				1950				30 m	10.3
				2600				40 m	13.8
				3250				50 m	17.2
				3900				60 m	20.7
				4000				40 m	28
				4550				70 m	24.1
				5200				80 m	27.5
				5850				90 m	31
				6000				60 m	42





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				6500				0.1	34.4
7150	0.11	37.8							
7800	0.12	41.3							
8000	80 m	56							
10000	0.1	70							
12000	0.12	84							
14000	0.14	98							
16000	0.16	112							
18000	0.18	126							
20000	0.2	140							
22000	0.22	154							
24000	0.24	168							
GRE3		High Power, High Current Grid Resistors, 6 kW and Larger	Resistors, Fixed	6000	n/a	365	10	80 m	40
				9000				0.12	60
				12000				0.16	80
				15000				0.2	100
				18000				0.24	120
				21000				0.28	140
				24000				0.32	160
				27000				0.36	180
				30000				0.4	200
				33000				0.44	220
				36000				0.48	240
GWK, GWK Ni		Vitreous Wirewound Resistors with Ferrules	Resistors, Fixed	7	n/a	100	2	2.4	1 K
				10				1.8	16 K
				13				4.7	1.8 K







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				20				2.2	27.8 K
25				13	5.1 K				
30				3.3	43 K				
40				6.2	82 K				
50				27	10 K				
60				36	15 K				
80				8.2	82 K				
100				12	110 K				
160				20	180 K				
180				100	43 K				
260				36	330 K				
GWS, GWS E, GWS Ni		Vitreous Wirewound Resistors with Lugs	Resistors, Fixed	10	n/a	100	2	4.3	910
				15	8 x 45			4.3	20 K
				18	n/a			5.1	1.8 K
				20	10 x 50			3.6	30 K
				22	n/a			6.8	2.4 K
				25	13 x 55			3.6	39 K
				30	13 x 62			5.1	47 K
				40	16 x 63			3.3	62 K
				45	n/a			18	6.2 K
				60	n/a			13	6.8 K
				65	16 x 100			7.5	130 K
				80	24 x 100			6.8	110 K
				110	n/a			22	8.2 K
				120	n/a			30	16 K
				130	n/a			36	13 K



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				150	34 x 100			9.1	100 K
HPR		High Pulse Wirewound Resistor, Noise Suppressor	Resistors, Fixed	160	24 x 165	See datasheet	10	13	160 K
				200	34 x 133			13	160 K
				300	24 x 265			24	300 K
				500	34 x 330			39	270 K
				0.50				1 K	5 K
				1	n/a			1 K	5 K
HRHA		Charging Resistor for EV Hybrid Wirewound Technology	Resistors, Fixed	2		5	5	1 K	5 K
				54				1	1 K
HVR25, HVR37		High Ohmic (up to 10 MΩ)/High Voltage (up to 3.5 kV) Metal Film Leaded Resistors	Resistors, Fixed	90		200	1	1	1 K
				0.25	n/a			100 K	10 M
IGBR		Thin Film, High Power Back-Contact Resistor	Resistors, Fixed	0.5		500	5	100 K	10 M
				4	0202			1.8	25
L		SMD Wraparound Ultra Low Value Thin Film Resistors	Resistors, Fixed		0808	50	1	1.8	25
				0.125	0603			0.1	9.99
				0.2	0805			0.1	9.99
				0.33	1206			0.1	9.99
				0.5	1505			0.1	9.99
				1.0	2010			0.1	9.99
L-NS		Low Value (0.03 Ohm to 10 Ohm) Thin Film Resistor, Surface Mount Chip	Resistors, Fixed	2.0	2512	300	1	0.1	9.99
				0.125	0505			1	10
					0603			1	10
				0.2	0705			1	10
					0805			1	10
				0.25	1005			1	10






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.33	1206			1	10
				0.4	0508			1	10
				0.5	0612			1	10
					1505			1	10
				1	1020			1	10
					2010			1	10
				2	1225			1	10
					2512			1	10
				LCA....				Standard Carbon Film Leaded Resistors	Resistors, Fixed
0.6	0414	0.22	10 M						
LCH 100		Power Resistor, for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	100	100	150	1	60 m	1 M
LPS 1100		Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	1100		150	4	1	1.3 K
LPS 300		Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	300		150	5	0.3	900 K
LPS 600		Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	600		150	5	0.3	900 K
LPS 800		Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	800		150	5	0.3	900 K
LPSA 300		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	300		150	5	0.3	900 K
LPSA 600		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	600		150	5	0.3	900 K
LPSA 800		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	800		150	5	0.3	900 K
LVR		Wirewound Resistors, Precision Power, Low Value, Commercial, Axial Lead	Resistors, Fixed	1	n/a	See datasheet	1	10 m	
				3				5 m	0.2





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				5				5 m	10
M		High Reliability Thick Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.1	0402	100	0.5	1	10
					0502			1	10
				0.125	0504			1	10
					0505			1	10
				0.15	0603			1	10
				0.2	0705			1	10
					0805			1	10
				0.25	1005			1	10
				0.33	1206			1	10
				0.35	1505			1	10
				0.5	1010			1	10
				0.75	2208			1	10
				1	2010			1	10
				2	2512			1	10
M49465 Military, RLV		Wirewound Resistors, Precision Power, Low Value, Military, MIL-PRF-49465 Qualified, Type RLV, Axial Lead	Resistors, Fixed	3	n/a	50	1	10 m	0.2
	5	10 m	0.5						
MCR		Wirewound Resistors, Industrial Power, Tubular, Metal Case, MCRL	Resistors, Fixed	20			5	1.1	2.75 K
				40				0.2	22 K
				45				1.1	2.75 K
				50				0.2	66 K
				65				0.25	76 K
				70				0.2	22 K
				100				0.2	66 K
				125				0.25	76 K

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MMA 0204 HV, MMB 0207 HV - Professional		Professional High Voltage Thin Film MELF Resistors	Resistors, Fixed	0.4	0204	50	1	340 K	10 M
				1.0	0207			340 K	10 M
MMU 0102, MMA 0204, MMB 0207 - Professional		Professional Thin Film MELF Resistors	Resistors, Fixed	0.3	0102	25	0.5	0.22	2.21 M
				0.4	0204			0.22	10 M
				1.0	0207			0.1	15 M
MR100 Series		Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.120	n/a	10	0.005	1	400 K
				0.150				1	500 K
				0.175				1	750 K
				0.200				1	1 M
				0.250				1	1.2 M
				0.330				1	2.5 M
				0.400				1	3.8 M
				0.500				1	3.8 M
				0.750				1	6 M
				1.000				1	6 M
				1.500				1	6 M
				2.000				1	6 M
MR300 Series		Wirewound Resistor, Ultra Precision, High Stability, Epoxy Molded, Axial Lead	Resistors, Fixed	0.120	n/a	10	0.005	1	400 K
				0.150				1	500 K
				0.175				1	750 K
				0.200				1	1 M
				0.250				1	1.2 M
				0.330				1	2.5 M
				0.400				1	3.8 M
				0.500				1	3.8 M
				0.750				1	6 M


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	1.000	n/a	10	0.005	1	6 M
				1.500				1	6 M
				2.000				1	6 M
				0.06				1	75 K
MR500 Series		Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.08	n/a	10	0.005	1	150 K
				0.10				1	250 K
				0.06				1	75 K
MR600 Series		Wirewound Resistor, Ultra Precision, Epoxy Molded, Radial Lead	Resistors, Fixed	0.125	n/a	10	0.005	1	500 K
				0.250				1	600 K
				0.400				1	800 K
				0.500				1	1 M
MR700 Series		Wirewound Resistor, Ultra Precision, Epoxy Molded, Radial Lead	Resistors, Fixed	0.125	n/a	10	0.005	1	500 K
				0.300				1	500 K
				0.500				1	1 M
MR93 Series		Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.200	n/a	10	0.005	1	1 M
				0.250				1	1.2 M
				0.330				1	2.5 M
				0.500				1	3.8 M
				0.750				1	6 M
				1.000				1	6 M
				1.500				1	6 M
				2.000				1	6 M
MRA		Wirewound Resistors, Non-Magnetic, Non-Inductive, Axial Lead	Resistors, Fixed	4.0	n/a	See datasheet	1	10 m	15 K
				5.0				10 m	15 K
				7.0				50 m	35 K
				10.0				50 m	85 K
				12.0				50 m	85 K











Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MRB		Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	0.5	85 m	5 K
				1.5				50 m	6.85 K
				2.2				50 m	6.85 K
				2.25				50 m	10.4 K
				3.0				50 m	10.4 K
				4.0				15 m	24.5 K
				5.0				15 m	32.3 K
				6.0				20 m	32.3 K
				7.0				30 m	90.9 K
				10.0				30 m	144.9 K
				12.0				40 m	144.9 K
				MRP					Wirewound Resistor, Commercial Power, Silicone Coated, Axial Lead
0.5	0.1	5 K							
0.75	0.1	6.85 K							
1.0	0.1	10.4 K							
1.2	0.1	10.4 K							
1.5	0.1	10.5 K							
2.25	0.1	18.74 K							
2.5	0.1	32.3 K							
3.0	0.1	24.5 K							
3.25	0.1	32.3 K							
3.5	0.1	47.1 K							
3.75	0.1	24.5 K							
4.0	0.1	48 K							
4.25	0.1	47.1 K							
5.0	0.1	90.9 K							



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				5.5				0.1	89.8 K
				6.5				0.1	90.9 K
				7.0				0.1	144.9 K
				9.0				0.1	168 K
				10.0				0.1	273 K
				11.0				0.1	168 K
				12.0				0.1	273 K
				15.0				0.1	285 K
				20.0				0.1	285 K
				MRS					Wirewound Resistor, Open Style, Current Shunts, Very Low Value
MSP		Precision Surface Mount Resistors Wirewound or Metal Film Technologies	Resistors, Fixed	0.5		25	5	10	332 K
				1				40 m	2.2 K
				2				40 m	4.7 K
				2.5				40 m	13 K
NSR		Wirewound Resistors, Noise Suppressor	Resistors, Fixed			250	10	1 K	15 K
OVSA		Wirewound Resistors, Industrial Power, Tubular, Flat, Oval, Adjustable, OVSA	Resistors, Fixed	40			10	1.7	27 K
				55				2.4	64 K
				70				3.0	92 K
				95				4.1	120 K
OVSF		Wirewound Resistors, Industrial Power, Tubular, Flat, Oval, Fixed, OVSF	Resistors, Fixed	30			5	1.2	7.3 K
				40				1.7	27 K
				55				2.4	85 K
				70				3.0	137 K
				95				4.1	171 K


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
PAC.. Series		Cemented Leaded Wirewound Precision Resistors	Resistors, Fixed	1	n/a	See datasheet	1	0.10	2.2 K
				2				0.10	3.6 K
				3				0.10	4.7 K
				4				0.10	8.2 K
				5				0.10	12 K
				6				0.10	12 K
PR01, PR02, PR03		Power Metal Film Leaded Resistors	Resistors, Fixed	1	0207	250	1	0.22	1 M
				1.3	0411			1	1 M
				2				0.33	1 M
				2.5	0617			1	1 M
				3				0.68	1 M
PR02-FS		High Pulse, Fusible, Non-Inductive, Flameproof, Metal Film Leaded Resistor	Resistors, Fixed	2	0411	250	10	1	100
RA		Wirewound Resistor, Industrial High Power, Enamelled Tubular, Adjustable	Resistors, Fixed	21	1370		10	33	3.9 K
				35	1694			68	3.9 K
				50	20117			100	4.7 K
				75	25138			150	6.8 K
				120	25168			220	10 K
				180	30250			330	22 K
RBEA, RBSA		Wirewound Resistor, Industrial Power, Tubular, Ribwound (RB), Adjustable (RBEA, RBSA)	Resistors, Fixed	90			10	14 m	25.3
				100				11 m	20.7
				110				14 m	26.8
				120				17 m	32.9
				135				20 m	39
				150				18 m	39
				160				27 m	51.3



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				175				22 m	48.1
180	30 m	57.4							
220	35 m	75							
225	36 m	77.2							
240	39 m	83.9							
300	55 m	120							
375	72 m	156							
400	62 m	149							
420	82 m	178							
500	83 m	200							
550	97 m	232							
750	0.130	158							
1000	0.176	209							
1500	0.248	294							
2000	0.300	380							
RBEF, RBSF		Wirewound Resistors, Industrial Power, Tubular, Ribwound (RB), Fixed (RBEF, RBSF)	Resistors, Fixed	40			10	10 m	10.6
				50				20 m	8.2
				75				10 m	19.3
				90				15 m	28.3
				100				12 m	24.5
				110				15 m	30.6
				120				18 m	36.8
				135				21 m	42.9
				150				19 m	44.8
				160				27 m	55.0
				175				23 m	53.7






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				180				30 m	61.3
220				35 m	80.6				
225				36 m	82.8				
240				38 m	89.5				
300				54 m	125				
375				69 m	161				
400				61 m	159				
420				79 m	184				
500				81 m	210				
550				93 m	242				
750				0.128	166				
850				0.160	400				
1000				0.168	217				
1100				0.180	525				
1500				0.234	303				
1700				0.270	350				
2000				0.281	391				
RCA-HP e3		Sulfur Resistant, Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	1	1	1 M
				0.33	0603			1	1 M
				0.5	0805			1	1 M
				0.75	1210			1	1 M
				0.753	1206			1	1 M
				1.0	2010			1	1 M
				1.5	1218			1	1 M
					2512			1	1 M






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCA-IF e3		Sulfur Resistant, Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
				0.1	0603			1	100 K
				0.125	0805			1	100 K
				0.25	1206			1	100 K
				0.5	1210			1	100 K
				0.75	2010			1	100 K
				1.0	2512			1	100 K
RCEC 400		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	400		150	5	1.0	1 M
				2 x 180				1.5	1 M
RCEC 400 BS		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	400		700	4	0.15	2
RCEC 500		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	500		300	4	0.47	3
RCEC 750		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	800		700	4	0.15	2
RCEC 850		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	850		300	4	0.47	3
RCEC ISO		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	100		250	4	0.33	1 M
RCH		Power Resistor, for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	5		150	4	0.24	1 M
				10				0.24	1 M
				25				0.24	1 M
				50				0.24	1 M
RCCM		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Metal Technology	Resistors, Fixed	750		150	4	0.27	18
RCMW 650		Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	650		300	4	0.47	3







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCS e3		Anti-Surge, High Power Thick Film Chip Resistors	Resistors, Fixed	0.2	0402	100	0.5	1	10 M
				0.25	0603			1	10 M
				0.5	0805			1	10 M
					1206			1	10 M
					0805	Zero Ohm Jumper	Zero Ohm Jumper		
					0603	Zero Ohm Jumper	Zero Ohm Jumper		
					0402	Zero Ohm Jumper	Zero Ohm Jumper		
				RDEA, RDSA		Wirewound Resistors, Industrial Power, Tubular, Roundwire (RD), Adjustable (RDEA, RDSA)	Resistors, Fixed	12	
25		0.50	19 K						
30		0.66	26 K						
45		1.21	49 K						
50		1.34	54 K						
51		1.49	61 K						
61		1.77	73 K						
65		2.04	84 K						
75		2.18	89 K						
76		2.32	96 K						
80		0.40	48 K						
90		2.87	119 K						
95		0.56	79 K						
100		3.15	131 K						
		0.71	100 K						


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				130				0.78	111 K
160	1.00	144 K							
175	1.08	156 K							
220	1.38	69 K							
225	1.38	200 K							
235	1.49	216 K							
240	1.56	227 K							
275	1.81	90 K							
300	2.07	104 K							
500	3.24	34 K							
750	4.22	44 K							
1000	5.85	62 K							
1150	7.58	41 K							
RDEF, RDSF		Wirewound Resistors, Industrial Power, Tubular, Roundwire (RD), Fixed (RDEF, RDSF)	Resistors, Fixed	8	5	0.82	13.5 K		
				12		0.12	49 K		
				15		0.16	28.7 K		
				20		0.13	53.2 K		
				25		0.22	35 K		
				30		0.28	29 K		
				45		0.18	63 K		
				50		0.21	119 K		
				51		0.22	83 K		
				61		0.27	97 K		
				65		0.31	122 K		
				75		0.33	207 K		
76	0.35	134 K							





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				80				60 m	53 K
90	0.43	172 K							
95	80 m	79 K							
100	0.47	186 K							
120	0.11	100 K							
130	0.12	111 K							
160	0.15	144 K							
175	0.16	156 K							
220	0.21	69 K							
225	0.21	200 K							
235	0.22	216 K							
240	0.24	227 K							
275	0.27	90 K							
300	0.31	104 K							
500	0.49	34 K							
750	0.63	44 K							
1000	0.89	62 K							
1150	1.14	41 K							
RE Military		Wirewound Resistors, Military, MIL-PRF-18546 Qualified, Type RE, Aluminum Housed, Chassis Mount	Resistors, Fixed	5	n/a	See datasheet	1	0.10	3.32 K
				10				0.10	5.62 K
				20				0.10	12.1 K
				30				0.10	39.2 K
				75				50 m	29.4 K
				120				0.10	35.7 K
RER Military		Wirewound Resistors, Military/Established Reliability MIL-PRF-39009 Qualified, Type RER, R Level	Resistors, Fixed	5	n/a	See datasheet	1	0.10	3.32 K
				10				0.10	5.62 K









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				20				0.10	12.1 K
				30			0.10	39.2 K	
RH		Heatsink Encased Wirewound Power Resistors	Resistors, Fixed	10		5	4	10 m	12 K
				12.5				0.1	12 K
				25				6 m	20 K
				50				10 m	20 K
RH, NH		Wirewound Resistors, Industrial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	7.5	n/a	20	0.05	20 m	24.5 K
				12.5				10 m	47.1 K
				25				10 m	95.2 K
				50				10 m	273 K
				100				50 m	90 K
				250				50 m	116 K
RHA		Pre-Charge and Discharge, Chassis Mount Wirewound Resistor	Resistors, Fixed	7.5	n/a	See datasheet	1	0.1	3.32 K
				12.5				0.1	5.62 K
				25				0.1	12.1 K
				50				0.1	39.2 K
RLP		Insulated Precision Wirewound Resistor Axial Leads	Resistors, Fixed	1			4	50 m	2 K
				2				25 m	6.8 K
				3				10 m	15 K
				6				20 m	59 K
				10				60 m	150 K
RMB, RMBS		Molded Precision Wirewound Resistor Axial Leads	Resistors, Fixed	0.5	05	0.1	0.1	2 K	
				0.75	075		0.1	2 K	
				1	10		0.1	6.81 K	
				1.5	105		0.1	6.81 K	
				2	20		15 m	13 K	









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				3	300			51 m	13 K
RPH 100		Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	100	100	150	1	92 m	1 M
RPS 250		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	250	250	150	1	0.24	1 M
RPS 500		Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	500	500	150	1	0.24	1 M
RS, NS		Wirewound Resistors, Industrial, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.4	n/a	20	0.05	0.1	3.4 K
				0.75				0.1	4.9 K
				1.0				0.1	10.4 K
				2.5				0.1	32.3 K
				3.0				0.1	24.5 K
				3.25				0.1	32.3 K
				3.75				0.1	24.5 K
				4.0				0.1	47.1 K
				5.0				0.1	95.2 K
				5.5				0.1	47.1 K
				6.5				0.1	95.2 K
				7.0				0.1	154 K
				9.0				0.1	154 K
				10.0				0.1	273 K
13.0	0.1	273 K							
RSO		Wirewound Resistor, Industrial High Power, Enamelled Corrugated Tape, Tubular	Resistors, Fixed	160	25138	10	68 m	12	
				200	25168		0.10	18	
				350	30250		0.22	33	
				700	40370		0.33	56	
				1000	50373		0.39	68	




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RSSD		Wirewound Resistor, Industrial High Power, Vitreous Tubular, Adjustable, Low Values 0.12 Ohm to 560 Ohm	Resistors, Fixed	16	0834		5	0.12	10
				25	1050			0.12	22
				42	1370			0.12	43
				70	1694			0.33	75
				100	20117			0.22	100
				140	25138			0.10	150
				200	25168			0.12	220
				280	30250			0.22	360
				450	40370			0.47	470
				600	50373	0.68	560		
RTO 20		20 W Power Resistor, Thick Film Technology, TO-220	Resistors, Fixed	20	TO-220	150	1	10 m	550 K
RTO 50		50 W Power Resistor, Thick Film Technology, TO-220	Resistors, Fixed	50	TO-220	150	1	10 m	550 K
RTOP		Power Resistors for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	50	SOT-227B	150	5	91 m	1 M
				100				46 m	1 M
				200				46 m	1 M
RW		Fixed Wirewound High Power Vitreous Resistors with Terminal Collars or Bands	Resistors, Fixed	10	0834		5	1	10 K
				17	1050			1	27 K
				28	1370			2.2	56 K
				44	1694			2.2	56 K
				72	20117			2.7	68 K
RW Military		Wirewound Resistors, Military, MIL-PRF-26 Qualified, Type RW, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	20	0.1	0.1	2.74 K
				2.0				0.1	2.74 K
				3.0				0.1	6.49 K
				5.0				0.1	24.3 K




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RW, RW E, RW Ni		Vitreous Wirewound Resistors acc. MIL-PRF-26	Resistors, Fixed	6.5	n/a	See datasheet	5	0.1	8.2 K
				10.0				0.1	71.5 K
				11.0				0.1	20 K
				11				0.39	13 K
				14				3.9	6.8 K
				15				1.0	33 K
				17				1.0	10 K
				18				1.0	36 K
				25				1.0	56 K
				26				8.2	18 K
				27				2.0	6.2 K
				42				1.0	10 K
				45				2.0	91 K
				55				3.0	43 K
				70				1.0	75 K
				78				24	56 K
				80				2.7	15 K
				90				3.0	110 K
				113				33	91 K
				130				2.7	160 K
159	47	150 K							
180	6.8	36 K							
210	75	180 K							
220	4.7	200 K							
240	8.2	47 K							
290	10	56 K							











Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				300				6.8	270 K
				400				8.2	390 K
				480				10	300 K
RWM		Enamelled Wirewound Power Resistors Axial Leads	Resistors, Fixed	8	0634		1	0.33	36 K
				11	0834			0.33	36 K
					0845			0.47	62 K
				25	1045			0.47	62 K
					1064			0.68	100 K
30	1065	0.68	100 K						
RWR Military		Wirewound Resistors, Military/Established Reliability, MIL-PRF-39007 Qualified, Type RWR, Up to S Level, Axial Lead	Resistors, Fixed	1	n/a	see datasheet	0.1	0.1	1 K
				1.5				0.1	1.3 K
				2				0.1	12.1 K
				3				0.1	4.12 K
				5				0.1	12.1 K
				7				0.1	12.4 K
				10				0.1	39.2 K
RWST		Wirewound Resistors, Industrial High Power, Vitreous Tubular	Resistors, Fixed	95	25138		5	2.7	82 K
				160	25168			2.7	100 K
				280	30250			4.7	220 K
				500	40370			8.2	360 K
				700	50373			12	390 K
SH		Heatsink Encased Wirewound Power Resistors Industrial Applications	Resistors, Fixed	10			5	0.1	3.3 K
				12.5				0.1	15 K
				25				0.1	33 K
				50				0.1	51 K












Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
SM		Wirewound Resistor, Precision Power, Surface Mount	Resistors, Fixed	0.5	n/a	See datasheet	0.1	0.1	400
				1				0.1	3 K
				2				0.1	15 K
				3				0.1	25 K
				4				0.1	50 K
SMM0204		Thin Film Mini-MELF Resistors	Resistors, Fixed	0.4	0204	15	0.1	0.22	10 M
SMM0207		Thin Film MELF Resistors	Resistors, Fixed	1.0	0207	15	0.1	0.16	10 M
SPR2213, SPR2214		Wirewound Resistors, Special Purpose, Commercial, High Power	Resistors, Fixed	40	n/a	See datasheet	5	0.5	24 K
				50				1.0	44 K
				70				0.5	24 K
				100				1.0	44 K
SPR2232		Wirewound, 300 W Liquid Cooled Load Resistor	Resistors, Fixed	300	n/a	See datasheet	5	3	5 K
SPU Molded Style		Wirewound Resistors, Molded Style, Current Shunts, Very Low Value, Four Terminal	Resistors, Fixed	1	n/a	100	1	1 m	60 m
				2				1 m	60 m
				4				1 m	0.200
				5				10 m	0.500
SPU Open Style		Wirewound Resistors, Open Style, Current Shunts, Custom Tailored, Very Low Value, High Precision	Resistors, Fixed	1	n/a	100	1	1.67 m	20 m
				1.875				2.5 m	10 m
SPW		Carbon Film Resistors, Special Purpose, High Frequency Load (Tubes)	Resistors, Fixed	2		200	2	50	50
				10				50	50
				40				50	50
				55				50	50
				120				50	50












Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
SR		Wirewound Resistors, Open Air, Current Sense, Low Value	Resistors, Fixed	3.0	n/a	200	1	2.5 m	0.10
				5.0				2.5 m	50 m
TMC		Wirewound Resistors, Industrial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	7.5	n/a	See datasheet	1	20 m	24.5 K
				12.5				10 m	47.1 K
				25				10 m	95.2 K
				50				10 m	273 K
				100				50 m	90 K
				250				50 m	116 K
ULDCR00		Compact Metal Plate Power Resistor	Resistors, Fixed		n/a	1030	10	75 m	75 m
ULDCR11		Compact Metal Plate Power Resistor	Resistors, Fixed		n/a	1030	10	90 m	90 m
ULDCR12		Compact Metal Plate Power Resistor	Resistors, Fixed		n/a	1030	10	80 m	80 m
ULDCR23		Compact Metal Plate Power Resistor	Resistors, Fixed		n/a	1030	10	0.5	0.5
ULDCR25		Compact Metal Plate Power Resistor	Resistors, Fixed		n/a	1030	10	0.8	0.8
VACR		Aluminum Housed Compact Wirewound Resistor	Resistors, Fixed	50	n/a	See datasheet	10	3.0	560
				100				2.7	1.2 K
				120				4.7	1 K
				130				2.7	910
				150				2.7	1.5 K
				180				6.2	1.8 K
				200				3.3	1.5 K
				250				4.7	1.8 K
				300				4.7	1.2 K










Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				400				6.2	1.8 K
VC		Vitreous Wirewound Power Resistor with Corrugated Ribbon	Resistors, Fixed	500			5	8.2	1.8 K
				90				68 m	8.2
				130				68 m	10
				160				68 m	12
				200				0.10	18
				220				0.18	22
				350				0.22	33
				700				0.33	56
				1000				0.39	68
VN		Vitreous Wirewound Power Resistors	Resistors, Fixed	22			5	1.0	33 K
				35				2.2	56 K
				55				2.2	68 K
				85				2.2	82 K
				90				2.2	120 K
				120				2.7	120 K
				145				2.7	180 K
				180				2.7	270 K
				200				3.3	270 K
				320				4.7	390 K
				600				8.2	470 K
VNC		Vitreous Wirewound Power Resistors	Resistors, Fixed	15			5	1.0	27 K
				18				1.0	33 K
				22				1.0	39 K
				25				1.0	56 K
				35				1.8	56 K







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				40				1.0	82 K
45	2.2	100 K							
50	1.5	100 K							
55	2.2	68 K							
70	1.0	120 K							
85	1.2	180 K							
90	1.8	220 K							
120	2.2	220 K							
140	2.7	270 K							
145	2.7	220 K							
180	2.7	270 K							
200	3.3	330 K							
230	3.9	390 K							
320	4.7	470 K							
VNPC		Vitreous Wirewound Power Resistor, Flat	Resistors, Fixed	30			5	1.0	8.2 K
				50				1.8	22 K
				90				2.7	47 K
				120				3.9	68 K
				150				4.7	100 K
VR25, VR37, VR68		High Ohmic / High Voltage Metal Glaze Ledged Resistors	Resistors, Fixed	0.25	0207	200	1	100 K	22 M
				0.5	0309			100 K	33 M
				1.0	0718			100 K	68 M
VSGR		Stainless Steel Power Resistor	Resistors, Fixed	5K	n/a	250	10	0.1	54
				20K				0.3	36
				15K				0.2	51
				10K				0.2	75












Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
WCR		Water Cooled Wirewound Resistor	Resistors, Fixed	1500			5	4.7	56 K	
				2000				4.7	56 K	
				2500				4.7	56 K	
WFCP		Metal Foil Current Sense Resistors, Very High Power (to 2 W)	Resistors, Fixed	0.25	0402		1	2.5 m	50 m	
				0.5	0603			2 m	30 m	
				1.0	0612			5.1 m	30 m	
				2.0				1 m	5 m	
WFM		Power Metal Plate™ Current Sense Resistors, Low Value (5 mΩ to 500 mΩ), Surface-Mount, High Power	Resistors, Fixed	2.0	2010		1	10 m	0.500	
				3.0	2512			10 m	0.500	
				4.0				10 m	0.500	
WFP		Power Metal Plate™ Current Sense Resistors, Low Value (2 mΩ to 8 mΩ), Hybrid Mount, High Power	Resistors, Fixed	20	3939		1	2 m	8 m	
WK2, WR4, WR5, WK8		High Pulse Load, High Power Metal Oxide Leaded Resistors	Resistors, Fixed	1	0207	50	1	0.22	1 M	
				2	0414			0.33	1 M	
				3	0617	200		2	0.22	560 K
				4	0922			0.22	100 K	
WSBM8518		Power Metal Strip® Battery Shunt Resistor W/Molded Enclosure Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 500 μΩ)	Resistors, Fixed	25	8518	See datasheet	5	50 μ	0.5 m	
				36				50 μ	0.5 m	
WSBS5216		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ)	Resistors, Fixed	12	5216	See datasheet	5	50 μ	0.25 m	
WSBS5216...14		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ), Sn Plated	Resistors, Fixed	12	5216	See datasheet	5	50 μ	0.25 m	
WSBS8518		Power Metal Strip® Battery Shunt Resistor, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m	
WSBS8518...14		Power Metal Strip® Battery Shunt Resistor, Sn Plated, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m	





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSBS8518...20		Power Metal Strip® Shunt Resistor With Two Sense Pins, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...34		Power Metal Strip® Shunt Resistor, Low TCR (Down to $\pm 10\text{ ppm}/^\circ\text{C}$), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	Resistors, Fixed	20	8518	See datasheet	5	0.1 m	1 m
				25				0.1 m	1 m
				36				0.1 m	1 m
WSBS8518...35		Power Metal Strip® Shunt Resistor With Sense Pins, Low TCR (Down to $\pm 10\text{ ppm}/^\circ\text{C}$), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	Resistors, Fixed	20	8518	See datasheet	5	0.1 m	1 m
				25				0.1 m	1 m
				36				0.1 m	1 m
WSBS8518...40		Power Metal Strip® Shunt Resistor With Three Sense Pins, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...60		Power Metal Strip® Shunt Resistor With Two Sense Pins and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...80		Power Metal Strip® Shunt Resistor With Three Sense Pins, Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...M3		Power Metal Strip® Battery Shunt Resistor With (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...M4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P3		Power Metal Strip® Battery Shunt Resistor With M3 Tapped Holes and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	Resistors, Fixed	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8536		Power Metal Strip® Battery Shunt Resistor Very Low Value (Down to 25 μΩ)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSBS8536...14		Power Metal Strip® Battery Shunt Resistor Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...20		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...40		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...60		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...80		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 $\mu\Omega$, 50 $\mu\Omega$, 100 $\mu\Omega$, and 125 $\mu\Omega$)	Resistors, Fixed	50	8536	See datasheet	5	25 μ	0.125 m
WSC, WSN		Wirewound Resistors, Precision Power, Surface Mount	Resistors, Fixed	0.5	2012	See datasheet	0.5	0.1	4.99
				1	25152515			0.1	2.77 K
				2	45274527			0.1	4.92 K
				3	6927			0.1	8 K
WSF		Metal Film Resistors, Power, Surface Mount	Resistors, Fixed	1.0	2515	100	0.5	10	10 K
				2.0				10	100 K
WSHM2818		Power Metal Strip® Resistors, High Power (7 W), Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	6	2818	See datasheet	0.5	0.101	0.2
				7				1 m	0.1
WSHP2818		Power Metal Strip® Resistors, High Power (10 W), Low Value (Down to 0.001 Ω), Surface-Mount	Resistors, Fixed	10	2818	See datasheet	0.5	1 m	0.1
WSK1206		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	0.25	1206	35	0.1	10 m	50 m
WSK1206...18 High Power		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	0.5	1206	35	0.1	10 m	50 m


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSK1216		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	1216	See datasheet	1	1 m	1 m
				5.0				0.5 m	0.5 m
				8.0				0.3 m	0.3 m
								0.2 m	0.2 m
WSK2512		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ω), Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	2512	See datasheet	0.1	0.5 m	0.2
WSKW0612		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	1.0	0612	See datasheet	1	0.5 m	5 m
WSL		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ohm), Surface-Mount	Resistors, Fixed	0.1	0603	See datasheet	0.5	10 m	0.1
				0.125	0805			5 m	0.2
				0.25	1206			0.5 m	0.2
				0.5	2010			1 m	0.5
				1.0	2512			0.5 m	0.5
				2.0	2816			2 m	0.1
WSL, Wide Terminal		Power Metal Strip® Resistors, Wide Terminal, Low Inductance (< 1 nH), Surface-Mount	Resistors, Fixed	1.0	0612	See datasheet	1	0.75 m	5 m
				2.0	1020		0.5	1 m	6 m
WSL...18 High Power		Power Metal Strip® Resistors, High Power (2 x Standard WSL), Low Value (Down to 0.0005 Ohm), Surface Mount	Resistors, Fixed	0.20	0603	See datasheet	0.5	10 m	0.1
				0.25	0805			5 m	0.2
				0.5	1206			0.5 m	0.2
				1.0	2010			1 m	0.5
				2.0	2512			0.5 m	40 m
WSL2726		Power Metal Strip® Resistors, Low Value, High Power, Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.2 m	5 m
WSL3637		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ohm), Surface-Mount, 4-Terminal	Resistors, Fixed	3.0	3637	See datasheet	0.5	1 m	10 m
WSL3921, WSL5931		Power Metal Strip® Resistors, Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.1 m	4 m
				5.0	5931			2 m	3 m

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
								0.1 m	1 m
WSL4026		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.2 m	5 m
WSLF		Power Metal Strip® Resistors, Low Value (Down to 0.0003 Ω), Surface-Mount	Resistors, Fixed	3.0	2512	See datasheet	1	4 m	4 m
				4.0				3 m	3 m
				6.0				1 m	2 m
				9.0				0.3 m	0.5 m
WSLP		Power Metal Strip® Resistors, Very High Power (to 3 W), Low Value (Down to 0.0005 Ω), Surface-Mount	Resistors, Fixed	0.4	0603	See datasheet	0.5	10 m	0.1
				0.5	0805			5 m	0.1
				1.0	1206			0.5 m	50 m
				2.0	2010			1 m	30 m
				3.0	2512			0.5 m	10 m
WSLP...18		Power Metal Strip® Resistors, Very High Power (1 W), Low Value (Down to 0.005 Ohm), Surface-Mount	Resistors, Fixed	1.0	0805	See datasheet	1	5 m	10 m
				2.0	1206			5 m	12 m
WSLP2726		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	Resistors, Fixed	5.0	2726	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m
				10.0				0.3 m	0.3 m
				12.0				0.2 m	0.2 m
WSLP3921, WSLP5931		Power Metal Strip® Resistors, Very High Power (to 15 W), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	5.0	3921	See datasheet	1	2 m	4 m
				7.0	5931			3 m	3 m
				8.0				2 m	2 m
				9.0	3921			0.1 m	1 m
				10.0	5931			0.2 m	1 m
				15.0				0.1 m	0.1 m
WSLP4026		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface	Resistors, Fixed	5.0	4026	See datasheet	1	1.3 m	5 m
				7.0				0.5 m	1 m



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				Mount				10.0	0.3 m
				12.0			0.2 m	0.2 m	
WSLS2512, Improved Stability		Power Metal Strip® Resistors, Improved Stability (0.25 % and 0.5 %), Low Value, Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.1
WSLT2010...18		Power Metal Strip® Resistors High Temperature (275 °C), High Power (1 W), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2010	75	0.5	10 m	0.50
WSLT2512		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.01 Ohm), Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.50
WSLT2726		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	2726	See datasheet	1	0.3 m	5 m
WSLT3921, WSLT5931		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.0001 Ω), Surface-Mount	Resistors, Fixed	3.0	3921	See datasheet	1	0.2 m	4 m
				5.0	5931			0.3 m	3 m
WSLT4026		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	Resistors, Fixed	3.0	4026	See datasheet	1	0.3 m	5 m
WSMS2908		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.0001 Ω)	Resistors, Fixed	3.0	2908	See datasheet	5	50 μ	1 m
WSMS5515		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.00010 Ohms)	Resistors, Fixed	3.0	5515	See datasheet	5	50 μ	1 m
WSR		Power Metal Strip® Resistors, Low Value (down to 0.001 Ω), Surface Mount	Resistors, Fixed	2.0	4527	See datasheet	0.5	1 m	1.0
				3.0				1 m	0.2
WSR High Power		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ω), Surface Mount	Resistors, Fixed	5.0	4527	See datasheet	0.5	1 m	0.3
WSZ6720		Leaded Wirewound Resistors, Surface Mount, Silicone or Cement Coated, High Power	Resistors, Fixed	1.8	6720	See datasheet	1	0.10	3.3 K





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSZ7532		Leaded Wirewound Resistors, Surface Mount, Silicone or Cement Coated, High Power	Resistors, Fixed	3.75	7532	See datasheet	1	1	15 K
Z300		Industrial Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	1	n/a	10	1	0.30	2 K
				2				0.47	4.3 K
				3				0.10	3.3 K
				4				0.10	3.9 K
				6				0.10	10 K
				8				0.13	16 K
				10				0.20	30 K
Z300-C00		Commercial Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	200	5	0.30	2 K
				1				0.30	2 K
				1.8				0.47	4.3 K
				2				0.47	4.3 K
				2.7				0.22	3.3 K
				3				0.22	3.3 K
				3.5				0.47	3.9 K
				4				0.47	3.9 K
				4.4				0.62	5.6 K
				5				0.62	5.6 K
				5.3				0.15	10 K
				6				0.15	10 K
Z300-Cxx		High Surge Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	200	5	430	2 K
				1				430	2 K
				1.8				180	4.3 K
				2				180	4.3 K
				2.7				62	3.3 K




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				3				62	3.3 K
				3.5				27	3.9 K
				4				27	3.9 K
				4.4				15	5.6 K
				5				15	5.6 K
				5.3				4.7	10 K
				6				4.7	10 K
Z302 BV 20327		Axial Cemented, Fusible, Wirewound Resistors	Resistors, Fixed	3	n/a	See datasheet	5	15	15
ZBS		Cemented Wirewound Resistors with Corrugated Ribbon	Resistors, Fixed	50	n/a	See datasheet	5	0.13	6.2
				75				0.1	8.2
				100				0.27	12
				110				0.15	12
				150				0.2	22
				200				0.27	24
				250				0.3	27
				300				0.39	36
				375				0.75	56
				500				0.91	75
ZWK, ZWK Ni		Cemented Wirewound Resistors with Ferrules	Resistors, Fixed	10	n/a	See datasheet	2	0.24	22 K
				15				0.36	33 K
				20				0.56	51 K
				40				1.1	100 K
				60				1.5	130 K
				90				2.2	200 K
				150				3.9	360 K

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
ZWS, ZWS E, ZWS Ni		Cemented Wirewound Resistors with Lugs	Resistors, Fixed	6	n/a	See datasheet	2	0.15	13 K
				8				0.24	20 K
				12				0.33	27 K
				15				0.39	33 K
				20				0.47	43 K
				35				0.91	82 K
				50				1.1	91 K
				75				2.0	180 K
				100				2.2	200 K
				110				2.7	240 K
				150				3.9	360 K
				250				6.8	620 K


RESISTORS, FIXED - HIGH VOLTAGE

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
B, T		Carbon Film Resistors, General Purpose, High Voltage	Resistors, Fixed	0.5			5	50 K	500 M
				1				50 K	500 M
				1.5				1 M	500 M
				2				1 M	500 M
				3				50 K	500 M
				4				100 K	500 M
				5				100 K	500 M
				6				200 K	500 M
				10				200 K	500 M
CDHV		Thick Film Chip Dividers, High Voltage	Resistors, Fixed	1	2512	100	1	20 M	20 G
CDMM		Molded Thick Film Divider, High Voltage, High Precision, Surface-Mount	Resistors, Fixed	1.5	4527		0.5	500 K	50 M
CRHA		Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	1	2 M	100 M
				0.45	1210			4 M	100 M
				0.50	2010			6 M	100 M
				0.60	2510			10 M	500 M
				1.0	2512			10 M	500 M
CRHP		Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.50	1206	100	0.5	2 M	8 G
				0.70	1210			4 M	10 G
				1.0	2010			6 M	35 G
				1.2	2510			10 M	40 G

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				1.5	2512			10 M	50 G
CRHV		Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	0.5	2 M	8 G
				0.45	1210			4 M	10 G
				0.50	2010			6 M	35 G
				0.60	2510			10 M	40 G
				1.0	2512			10 M	50 G
CRMA		Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206			Zero Ohm Jumper	Zero Ohm Jumper
				0.35	1210			Zero Ohm Jumper	Zero Ohm Jumper
				0.50	2010			Zero Ohm Jumper	Zero Ohm Jumper
				0.80	2510			Zero Ohm Jumper	Zero Ohm Jumper
				1.0	2512			Zero Ohm Jumper	Zero Ohm Jumper
CRMV		Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	0.5	150	15 M
				0.35	1210			300	20 M
				0.50	2010			500	40 M
				0.80	2510			1 K	60 M
				1.0	2512			1 K	75 M
D, G		Carbon Film Resistors, Special Purpose, High Voltage	Resistors, Fixed	10			5	50 K	500 M
				20				1 K	1 M
				30				100 K	500 M
								1 K	1 M
								100 K	500 M
		1 K	1 M						








Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				35				300 K	500 M
60	1 K	1 M							
100	400 K	500 M							
	1 K	5 M							
FHV Axial		Thick Film Planar Resistors, Through-Hole, Axial Lead, High Voltage	Resistors, Fixed	Through hole	100	1	700 K	500 M	
							1 K	10 M	
							0.25	100	1 G
							0.50	10 K	100 M
							1	10 K	500 M
							1.5	100	2 G
							2	10 K	2 G
4	20 K	2 G							
FHV Radial		Thick Film Planar Resistors, Through-Hole, Radial Lead, High Voltage	Resistors, Fixed	Through hole	100	1	200	8 G	
							30 K	10 G	
							0.25	100	1 G
							0.50	10 K	100 M
							1	10 K	500 M
							1.5	100	2 G
							2	10 K	2 G
4	20 K	2 G							
HTS		High Ohmic Values (up to 100 G Ω), High Voltage Resistors (up to 50 kV) Thick Film Technology	Resistors, Fixed		150	0.5	200	200 M	
							0.5	1 K	500 M
							1	1 K	2.5 G
							1.5	1 K	5 G








Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				2				1 K	50 G
				2.5					
				3					
				4					
				5					
HVR25, HVR37		High Ohmic (up to 10 MΩ)/High Voltage (up to 3.5 kV) Metal Film Leaded Resistors	Resistors, Fixed	0.25	n/a	200	1	100 K	10 M
				0.5				100 K	10 M
MMA 0204 HV, MMB 0207 HV - Professional		Professional High Voltage Thin Film MELF Resistors	Resistors, Fixed	0.4	0204	50	1	340 K	10 M
				1.0	0207			340 K	10 M
RCV e3		High Voltage (Up to 2 kV) Thick Film Chip Resistors	Resistors, Fixed	0.125	0805	100	1	100 K	10 M
				0.25	1206			100 K	10 M
				0.75	2010			100 K	10 M
RCV-AT e3		High Voltage (Up to 3 kV) Thick Film Chip Resistors	Resistors, Fixed	0.75	2010	100	1	100 K	100 M
				1.0	2512			100 K	100 M
TD		Thick Film Planar Dividers, Through-Hole, High Voltage	Resistors, Fixed	0.25	Through hole	100	0.5	300	10 G
				0.5				500	100 G
				1				1 K	1 T
				1.5				1.5 K	1.5 T
				2				2 K	2 T
				3				3 K	3 T
TNPV e3		High Voltage Thin Film Flat Chip Resistors	Resistors, Fixed	0.20	0805	10	0.1	180 K	1 M
				0.25	1206			160 K	2 M
				0.33	1210			121 K	3.01 M
TR		Thick Film Planar Resistors, Through-Hole, High Voltage	Resistors, Fixed	0.25	Through hole	100	1	300	10 G
				0.5				500	100 G







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				1				1 K	1 T
VR25, VR37, VR68		High Ohmic / High Voltage Metal Glaze Leaded Resistors	Resistors, Fixed	0.25	0207	200	1	100 K	22 M
				0.5	0309			100 K	33 M
				1.0	0718			100 K	68 M

RESISTORS, FIXED - CECC / EN










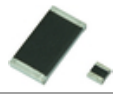
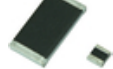

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
FDG, FDK, FDP		Axial Vitreous Leaded Wirewound Resistors with CECC Approval, Available with Established Reliability	Resistors, Fixed	3.0	n/a	100	2	0.10	10 K
				3.5				0.10	10 K
				5.5				0.10	39 K
				6.5				0.10	39 K
				10				0.15	68 K
				11.5				0.15	68 K
MBA/SMA 0204 VG06, MBB/SMA 0207 VG06, MBE/SMA 0414 VG06		Leaded Metal Film Resistors With Established Reliability	Resistors, Fixed	0.25	0204	15	0.1	1	5.11 M
				0.4				1	5.11 M
				0.6	0207			1	1
				0.651				1	1
				11	0414			1	1
				12				1	1
								Zero Ohm Jumper	Zero Ohm Jumper
					0207			Zero Ohm Jumper	Zero Ohm Jumper
					0204			Zero Ohm Jumper	Zero Ohm Jumper
				MBA/SMA 0204, MBB/SMA 0207, MBE/SMA 0414 - Precision				Precision Metal Film Leaded Resistors	Resistors, Fixed
0.40	0207	10	1 M						
0.65	0414	22	1.5 M						











Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MBA/SMA 0204, MBB/SMA 0207, MBE/SMA 0414 - Professional		Professional Metal Film Leaded Resistors	Resistors, Fixed	0.4	0204	25	0.5	0.22	10 M
				0.6	0207			0.22	22 M
				1.0	0414			0.22	22 M
								Zero Ohm Jumper	Zero Ohm Jumper
MCS 0402 AT, MCT 0603 AT, MCU 0805 AT, MCA 1206 AT - Professional		Professional Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	25	0.5	1	221 K
				0.150	0603			1	511 K
				0.200	0805			1	1 M
				0.400	1206			1	1 M
MCS 0402 VG01, MCT 0603 VG01, MCU 0805 VG01, MCA 1206 VG01		Thin Film Chip Resistors With Established Reliability	Resistors, Fixed	0.063	0402	15	0.1	10	1 M
				0.1	0603			1	1 M
				0.125	0805			1	1 M
				0.25	1206			1	1 M
MCS 0402, MCT 0603, MCU 0805, MCA 1206 - Precision		Precision Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	10	0.1	100	221 K
				0.100	0603			39	511 K
				0.125	0805			39	1.5 M
				0.250	1206			39	2 M
MCS 0402, MCT 0603, MCU 0805, MCA 1206 - Professional		Professional Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	25	0.5	10	4.99 M
				0.125	0603			1	10 M
				0.200	0805			1	10 M
				0.400	1206			1	2 M
MMA 0204 HT Professional		Professional High Temperature Thin Film MELF Resistors	Resistors, Fixed	0.5	0204	25	0.5	47	100 K
MMU 0102 VG03, MMA 0204 VG03, MMB 0207 VG03		Thin Film MELF Resistors With Established Reliability	Resistors, Fixed	0.2	0102	15	0.1	100	2.21 M
				0.25	0204			1	5.11 M
				0.4	0207			1	10 M



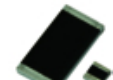





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MMU 0102, MMA 0204, MMB 0207 - Precision		Precision Thin Film MELF Resistors	Resistors, Fixed	0.2	0102	15	0.1	22	332 K
				0.25	0204			10	511 K
				0.4	0207			15	1 M
MMU 0102, MMA 0204, MMB 0207 - Professional		Professional Thin Film MELF Resistors	Resistors, Fixed	0.3	0102	25	0.5	0.22	2.21 M
				0.4	0204			0.22	10 M
				1.0	0207			0.1	15 M
MS1 EN803 E8		Lead (Pb)-Bearing Thin Film MINI-MELF Resistors With Established Reliability	Resistors, Fixed	0.25	0204	15	0.1	1	2.21 M
RCMA		Molded Metal Film Very High Stability (< 0.25 % After 1000 h) and Precision (up to 0.1 %) Resistors	Resistors, Fixed	0.125		15	0.1	1	1 M
				0.250				1	1 M
				0.500				1	1.5 M
				0.75				1	2 M
				1.0				1	2.5 M
				2.0				1	5 M
RCMM		Molded Metal Film Resistors	Resistors, Fixed	0.25		50	2	1	332 K
				0.50				1	332 K
				1.0				1	1 M
RCMS02, RCMS05, RCMS1		Molded Metal Film High Stability Resistors	Resistors, Fixed	0.125		30	1	1	150 K
				0.250				1	150 K
				0.500				1	150 K
RCMT		Molded Metal Film High Stability (< 0.25 % After 1000 h) High Temperature (up to 175 °C) Precision Resistors	Resistors, Fixed	0.063		15	0.1	1	511 K
				0.125				1	322 K
				0.250				1	1 M
				0.500				1	1.5 M
				1.0				1	2 M
				2.0				1	2.5 M



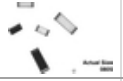

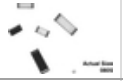

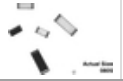






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				4.0				1	5 M
RCMX02, RCMX05, RCMX1		Molded Metal Film High Ohmic Value (to 50 MΩ) Resistors	Resistors, Fixed	0.125		50	1.5	300 K	10 M
				0.250				1 M	20 M
				0.500				2 M	50 M
RH		Heatsink Encased Wirewound Power Resistors	Resistors, Fixed	10		5	4	10 m	12 K
				12.5				0.1	12 K
				25				6 m	20 K
				50				10 m	20 K
RLP		Insulated Precision Wirewound Resistors Axial Leads	Resistors, Fixed	1			4	50 m	2 K
				2				25 m	6.8 K
				3				10 m	15 K
				6				20 m	59 K
				10				60 m	150 K
RMB, RMBS		Molded Precision Wirewound Resistors Axial Leads	Resistors, Fixed	0.5	05		0.1	0.1	2 K
				0.75	075			0.1	2 K
				1	10			0.1	6.81 K
				1.5	105			0.1	6.81 K
				2	20			15 m	13 K
				3	300			51 m	13 K
RV		High Precision Wraparound Thin Film Chip Resistors	Resistors, Fixed	0.125	0505	10	0.1	100	260 K
					0603			100	260 K
				0.200	0805			100	300 K
				0.330	1206			100	1 M
SMM0204		Thin Film Mini-MELF Resistors	Resistors, Fixed	0.4	0204	15	0.1	0.22	10 M




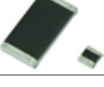







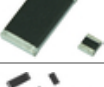

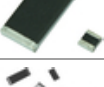

RESISTORS, FIXED - DLA (DSCC)

DLA (DSCC) #	Model Number	Images	Description	Construction
02001	PSF2012..1		Resistor, Fixed, Film, Surface Mount, 0.125 Watt, High Precision, High Stability, Style 2012	Metal Film
02008	RCWP1206..14		Resistor, Fixed, Film, Chip, 0.25 Watt, Low and High Values, Style 1206	Thick Film
02008	L-1206/M-1206		Resistor, Fixed, Film, Chip, 0.25 Watt, Low and High Values, Style 1206	Thin Film
02010	RCWP1206..1A		Resistor, Fixed, Film, Chip, 0.25 Watt, Values less than 1 Ω , Style 1206	Thick Film
02010	L-1206		Resistor, Fixed, Film, Chip, 0.25 Watt, Values less than 1 Ω , Style 1206	Thin Film
03002	RCWPM0550..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0505	Thick Film
03011	RCWPM0201..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0201	Thick Film
03012	RCWPM0302..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0302	Thick Film
03013	RCWPM0603..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0603	Thick Film
03014	RCWPM0402..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0402	Thick Film
03015	RCWPM2010..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 2010	Thick Film
03016	RCWPM2512..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 2512	Thick Film

DLA (DSCC) #	Model Number	Images	Description	Construction
03022	RCWP0603..1A		Resistor, Fixed, Film, Chip, 0.07 Watt, Values less than 1 Ω , Style 0603	Thick Film
03022	L-0603		Resistor, Fixed, Film, Chip, 0.07 Watt, Values less than 1 Ω , Style 0603	Thin Film
03025	CRHV1206..aro		Resistor, Fixed, Film, Chip, 0.3 Watt, High Voltage, Style 1206	Thick Film
03026	CRHV2010..aro		Resistor, Fixed, Film, Chip, 0.5 Watt, High Voltage, Style 2010	Thick Film
03027	CRHV2512..aro		Resistor, Fixed, Film, Chip, 0.7 Watt, High Voltage, Style 2512	Thick Film
04007	RCWP0302..69		Resistor, Fixed, Film, Chip, 0.04 Watt, Moisture Resistant, Military and Space Level, Style 0302	Thick Film
04008	RCWP0402..69		Resistor, Fixed, Film, Chip, 0.05 Watt, Moisture Resistant, Military and Space Level, Style 0402	Thick Film
04008	PTN0402		Resistor, Fixed, Film, Chip, 0.05 Watt, Moisture Resistant, Military and Space Level, Style 0402	Thin Film
04009	RCWP0603..69		Resistor, Fixed, Film, Chip, 0.1 Watt, Moisture Resistant, Military and Space Level, Style 0603	Thick Film
04009	PTN0603		Resistor, Fixed, Film, Chip, 0.1 Watt, Moisture Resistant, Military and Space Level, Style 0603	Thin Film
06003	WSR2...26		Resistor, Fixed, Power Metal Strip®, Chip, 2 Watt, Low Value, Style 4527	Power Metal Strip®
06006	WSR3...26		Resistor, Fixed, Power Metal Strip®, Chip, 3 Watt, Low Value, Style 4527	Power Metal Strip®
06007	WSL0603...37		Resistor, Fixed, Power Metal Strip®, Chip, 0.1 Watt, Low Value, Style 0603	Power Metal Strip®
06008	WSL0805...37		Resistor, Fixed, Power Metal Strip®, Chip, 0.125 Watt, Low Value, Style 0805	Power Metal Strip®
06009	WSL1206...37		Resistor, Fixed, Power Metal Strip®, Chip, 0.25 Watt, Low Value, Style 1206	Power Metal Strip®
06010	WSL2010...37		Resistor, Fixed, Power Metal Strip®, Chip, 0.5 Watt, Low Value, Style 2010	Power Metal Strip®



















DLA (DSCC) #	Model Number	Images	Description	Construction
06011	WSL2512...37		Resistor, Fixed, Power Metal Strip®, Chip, 1 Watt, Low Value, Style 2512	Power Metal Strip®
06012	WSL2816...37		Resistor, Fixed, Power Metal Strip®, Chip, 2 Watt, Low Value, Style 2816	Power Metal Strip®
07002	WSC6927...15		Resistor, Fixed, Wirewound, Surface Mount, 3 Watt, Power Type	Wirewound
07009	RCWP0201		Resistor, Fixed, Film, Chip, 0.05 Watt, Style 0201	Thick Film
07010	RCWP0201..69		Resistor, Fixed, Film, Chip, 0.05 Watt, Moisture Resistant, Military and Space Level, Style 0201	Thick Film
12003	RCWP0502..1A		Resistor, Fixed, Film, Chip, 0.05 Watt, Values less than 1 Ω , Style 0502	Thick Film
12004	RCWP0550..1A		Resistor, Fixed, Film, Chip, 0.125 Watt, Values less than 1 Ω , Style 0505	Thick Film
12004	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 0505	Thin Film
12005	RCWP5100..1A		Resistor, Fixed, Film, Chip, 0.2 Watt, Values less than 1 Ω , Style 1005	Thick Film
12005	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 1010	Thin Film
12006	RCWP5150..1A		Resistor, Fixed, Film, Chip, 0.15 Watt, Values less than 1 Ω , Style 1505	Thick Film
12006	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 1505	Thin Film










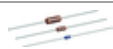
DLA (DSCC) #	Model Number	Images	Description	Construction
12007	RCWP7225..1A		Resistor, Fixed, Film, Chip, 0.225 Watt, Values less than 1 Ω, Style 2208	Thick Film
12008	RCWP0575..1A		Resistor, Fixed, Film, Chip, 0.15 Watt, Values less than 1 Ω, Style 0705	Thick Film
12008	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 0705	Thin Film
12009	RCWP2010..1A		Resistor, Fixed, Film, Chip, 0.8 Watt, Values less than 1 Ω, Style 2010	Thick Film
12009	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 2010	Thin Film
12010	RCWP2512..1A		Resistor, Fixed, Film, Chip, 1 Watt, Values less than 1 Ω, Style 2512	Thick Film
12010	L-NS		Resistor Chip, Fixed, Film, Values less than 1 Ohm, Style 2512	Thin Film
12011	RCWP1100..1A		Resistor, Fixed, Film, Chip, 0.5 Watt, Values less than 1 Ω, Style 1010	Thick Film
12012	RCWP0402..1A		Resistor, Fixed, Film, Chip, 0.05 Watt, Values less than 1 Ω, Style 0402	Thick Film
87010	FRJ50		Resistor, Fixed, Film, Axial-leaded, 0.125 Watt, 0 Ω Jumper	Metal Film
87011	RCWPM1100..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1010	Thick Film
87011	M-1010X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1010	Thick Film
88018	RCWP0575..aro		Resistor, Fixed, Film, Chip, 0.2 Watt, Style 0705	Thick Film

DLA (DSCC) #	Model Number	Images	Description	Construction
88027	RCWP0540..aro		Resistor, Fixed, Film, Chip, 0.125 Watt, Style 0504	Thick Film
88030	RCWP5100..27		Resistor, Fixed, Film, Chip, 0.25 Watt, Style 1005	Thick Film
88031	RCWP5150..80		Resistor, Fixed, Film, Chip, 0.33 Watt, Style 1505	Thick Film
88032	RCWPM0502..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0502	Thick Film
88033	RCWP1100..45		Resistor, Fixed, Film, Chip, 0.5 Watt, Style 1010	Thick Film
89088	PTF56..31, PTF56..32		Resistor, Fixed, Film, Axial-leaded, 0.1 Watt, High Precision, High Stability	Metal Film
90038	PTF65..16, PTF65..14		Resistor, Fixed, Film, Axial-leaded, 0.25 Watt, High Precision, High Stability	Metal Film
90047	RCWPM7225..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 2208	Thick Film
90047	M-2208X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 2208	Thick Film
90048	RCWPM0575..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0705	Thick Film
90048	M-0805X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 0705	Thick Film
90049	RCWPM5100..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1005	Thick Film
90049	M-1005X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1005	Thick Film
90092	RCWPM5150..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1505	Thick Film
90092	M-1505X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1505	Thick Film

DLA (DSCC) #	Model Number	Images	Description	Construction
93075	WSC01/2...15		Resistor, Fixed, Wirewound, Surface Mount, 0.5 Watt, Power Type	Wirewound
93076	WSC0001...15/WSC2515...15		Resistor, Fixed, Wirewound, Surface Mount, 1 Watt, Power Type	Wirewound
93077	WSC0002...15/WSC4527...15		Resistor, Fixed, Wirewound, Surface Mount, 2 Watt, Power Type	Wirewound
94011	RCWPM1206..99		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1206	Thick Film
94011	M-1206X		Resistor, Fixed, Film, Chip, 0 Ω Jumper, Style 1206	Thin Film
94012	RCWP0550..69		Resistor, Fixed, Film, Chip, 0.125 Watt, Moisture Resistant, Military and Space Level, Style 0505	Thick Film
94012	PTN0505		Resistor, Fixed, Film, Chip, 0.125 Watt, Moisture Resistant, Military and Space Level, Style 0505	Thin Film
94013	RCWP5100..69		Resistor, Fixed, Film, Chip, 0.2 Watt, Moisture Resistant, Military and Space Level, Style 1005	Thick Film
94013	PTN1005		Resistor, Fixed, Film, Chip, 0.2 Watt, Moisture Resistant, Military and Space Level, Style 1005	Thin Film
94014	RCWP7225..69		Resistor, Fixed, Film, Chip, 0.225 Watt, Moisture Resistant, Military and Space Level, Style 2208	Thick Film
94014	PTN2208		Resistor, Fixed, Film, Chip, 0.225 Watt, Moisture Resistant, Military and Space Level, Style 2208	Thin Film
94015	RCWP0575..69		Resistor, Fixed, Film, Chip, 0.15 Watt, Moisture Resistant, Military and Space Level, Style 0705	Thick Film
94015	PTN0805		Resistor, Fixed, Film, Chip, 0.15 Watt, Moisture Resistant, Military and Space Level, Style 0705	Thin Film
94016	RCWP1206..69		Resistor, Fixed, Film, Chip, 0.25 Watt, Moisture Resistant, Military and Space Level, Style 1206	Thick Film






DLA (DSCC) #	Model Number	Images	Description	Construction
94016	PTN1206		Resistor, Fixed, Film, Chip, 0.25 Watt, Moisture Resistant, Military and Space Level, Style 1206	Thin Film
94017	RCWP2010..69		Resistor, Fixed, Film, Chip, 0.8 Watt, Moisture Resistant, Military and Space Level, Style 2010	Thick Film
94017	PTN2010		Resistor, Fixed, Film, Chip, 0.8 Watt, Moisture Resistant, Military and Space Level, Style 2010	Thin Film
94018	RCWP2512..69		Resistor, Fixed, Film, Chip, 1 Watt, Moisture Resistant, Military and Space Level, Style 2512	Thick Film
94018	PTN2512		Resistor, Fixed, Film, Chip, 1 Watt, Moisture Resistant, Military and Space Level, Style 2512	Thin Film
94019	RCWP1100..69		Resistor, Fixed, Film, Chip, 0.5 Watt, Moisture Resistant, Military and Space Level, Style 1010	Thick Film
94019	PTN1010		Resistor, Fixed, Film, Chip, 0.5 Watt, Moisture Resistant, Military and Space Level, Style 1010	Thin Film
94025	RCWP0502..69		Resistor, Fixed, Film, Chip, 0.05 Watt, Moisture Resistant, Military and Space Level, Style 0502	Thick Film
94025	PTN0502		Resistor, Fixed, Film, Chip, 0.05 Watt, Moisture Resistant, Military and Space Level, Style 0502	Thin Film
94026	RCWP5150..69		Resistor, Fixed, Film, Chip, 0.15 Watt, Moisture Resistant, Military and Space Level, Style 1505	Thick Film
94026	PTN1505		Resistor, Fixed, Film, Chip, 0.15 Watt, Moisture Resistant, Military and Space Level, Style 1505	Thin Film
95013	RCWP0302..aro		Resistor, Fixed, Film, Chip, 0.04 Watt, Style 0302	Thick Film
95014	RCWP0402..aro		Resistor, Fixed, Film, Chip, 0.05 Watt, Style 0402	Thick Film
96002	ERL07..62		Resistor, Fixed, Film, Axial-leaded, 0.25 Watt, Low Inductance	Metal Film
97004	ERL62..1, ERL62..2		Resistor, Fixed, Film, Axial-leaded, 2 Watt, Extended Value Range	Metal Film

DLA (DSCC) #	Model Number	Images	Description	Construction
98020	ERL05..36, ERL05..37		Resistor, Fixed, Film, Axial-leaded, 0.125 Watt, Extended Value Range	Metal Film
98021	ERL20..36, ERL20..37		Resistor, Fixed, Film, Axial-leaded, 0.5 Watt, Extended Value Range	Metal Film
98022	ERL32..36, ERL32..37		Resistor, Fixed, Film, Axial-leaded, 1 Watt, Extended Value Range	Metal Film
99011	ERL07..100, ERL07..101		Resistor, Fixed, Film, Axial-leaded, 0.25 Watt, Extended Value Range	Metal Film
A-A-55502	FRJ50		Resistor, Fixed, Film, Axial-leaded, 0.125 Watt, 0 Ω Jumper	Metal Film
A-A-55534/01	LVR01		Resistor, Fixed, Wirewound or Metal Element, 1 Watt, Power Type, Style VLV1	Metal Element
A-A-55534/02	WSL1206		Resistor, Fixed, Wirewound or Metal Element, Chip, 0.25 Watt, Very Low Values, Power Type, Style VLV1206	Power Metal Strip®
A-A-55534/03	LVR03		Resistor, Fixed, Wirewound or Metal Element, 3 Watt, Power Type, Style VLV3	Metal Element
A-A-55534/04	LVR05		Resistor, Fixed, Wirewound or Metal Element, 5 Watt, Power Type, Style VLV5	Metal Element
A-A-55534/07	WSL2010		Resistor, Fixed, Wirewound or Metal Element, Chip, 0.5 Watt, Very Low Values, Power Type, Style VLV2010	Power Metal Strip®
A-A-55534/08	WSL2512		Resistor, Fixed, Wirewound or Metal Element, Chip, 1 Watt, Very Low Values, Power Type, Style VLV2512	Power Metal Strip®
A-A-55534/09	WSR2		Resistor, Fixed, Wirewound or Metal Element, Chip, 2 Watt, Terminal Finish = T, Power Type, Style VLV2	Power Metal Strip®
A-A-55534/09	WSR2...7		Resistor, Fixed, Wirewound or Metal Element, Chip, 2 Watt, Terminal Finish = B, Power Type, Style VLV2	Power Metal Strip®
MIL-PRF-18546	RE (RH/NH)		Resistor, Fixed, Wirewound, Military Qualified, Aluminum Housed, Chassis Mount, Power Type, Type RE	Wirewound
MIL-PRF-22684	RL (CMF Military)		Resistor, Fixed, Film, Military Qualified, Axial-leaded, Type RL	Metal Film
MIL-PRF-26	RW (G / RS)		Resistor, Fixed, Wirewound, Military Qualified, Axial-leaded, Precision, Silicone Coated, Power Type, Type RW	Wirewound
MIL-PRF-32159	M32159 (RCWPM Jumper)		Resistor, Fixed, Film, Military Qualified, Chip, Established Reliability, 0 Ω Jumper, Type RCZ	Thick Film
MIL-PRF-39007	RWR (EGS/EGN/ESS/ESN)		Resistor, Fixed, Wirewound, Military Qualified, Axial-leaded, Established Reliability, Precision, Silicone Coated, Power Type, RWR	Wirewound




DLA (DSCC) #	Model Number	Images	Description	Construction
MIL-PRF-39009	RER (ERH/ENH)		Resistor, Fixed, Wirewound, Military Qualified, Aluminum Housed, Chassis Mount, Established Reliability, Power Type, Type RER	Wirewound
MIL-PRF-39017	RLR (ERL)		Resistor, Fixed, Film, Military Qualified, Axial-leaded, Established Reliability, Type RLR	Metal Film
MIL-PRF-49465	M49465 (LVR/SPR1005...26)		Resistor, Fixed, Wirewound or Metal Element, Military Qualified, Axial-leaded, Precision, Very Low Value, Power Type, Type RLV	Metal Element
MIL-PRF-55182	RNC, RNR (ERC)		Resistor, Fixed, Film, Military Qualified, Axial-leaded, Established Reliability, Precision, Type RNC & RNR	Metal Film
MIL-PRF-55182	RNR, RNN (HDN)		Resistor, Fixed, Film, Military Qualified, Axial-leaded, Established Reliability, Precision, Type RNR & RNN	Metal Film
MIL-PRF-55342	M55342, D55342 (RCWPM)		Resistor, Fixed, Film, Military Qualified, Chip, Established Reliability, Type RM	Thick Film
MIL-PRF-55342H	(Military M/D55342)Thick Film		Resistor, Fixed, Film, Military Qualified, Chip, Established Reliability, Type RM	Thick Film
MIL-PRF-55342H	(Military M/D55342) tantalum Nitride		Resistor, Fixed, Film, Military Qualified, Chip, Established Reliability, Type RM	Thin Film
MIL-PRF-55342H	M55342, D55342 (E/H)		Resistor, Fixed, Film, Military Qualified, Chip, Established Reliability, Type RM	Thin Film
MIL-R-10509	RN (CMF Military)		Resistor, Fixed, Film, Military Qualified, Axial-leaded, Precision, Type RN	Metal Film






RESISTORS, FIXED - ESA / ESCC



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CHP, HCHP		High Stability Resistor Chips (< 0.25 % at Pn at 70 °C during 1000 h) Thick Film Technology	Resistors, Fixed	0.050	0502	100	0.5	0.1	25 M
				0.125	0603			0.1	25 M
					0505			0.1	10 M
				0.200	0805			0.1	25 M
				0.250	1206			0.1	50 M
					1005			0.1	50 M
				0.500	1010			0.1	25 M
					1505			0.1	75 M
				0.750	2208			0.1	100 M
				1.000	1020			0.1	10 M
2010	0.1	100 M							
2.000	2512	0.1	100 M						
CHPFR		ESCC 4001/026 Qualified R Failure Rate High Precision Thick Film Chip Resistors	Resistors, Fixed	0.1	0603	100	1	1	10 M
				0.2	0805			1	10 M
				0.25	1206			1	10 M
				0.5	2010			1	10 M
				0.8	2512			1	10 M
CHPHR		ESCC 4001/026 Qualified High Stability Thick Film Resistor Chips	Resistors, Fixed	0.1	0603	100	1	1	10 M
				0.2	0805			1	10 M
				0.25	1206			1	10 M
				0.5	2010			1	10 M
				0.8	2512			1	10 M




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MS1 EN803 E8		Lead (Pb)-Bearing Thin Film MINI-MELF Resistors With Established Reliability	Resistors, Fixed	0.25	0204	15	0.1	1	2.21 M
MS1 ESCC		Hi-Rel Thin Film MINI-MELF Resistors	Resistors, Fixed	0.25	0204	15	0.1	2.21	5.11 M
PFRR		ESCC 4001/023 Qualified R Failure Rate High Precision (10 ppm/°C, 0.05 %) Thin Film Chip Resistors	Resistors, Fixed	0.05	0402	10	0.05	100	150 K
				0.1	0603			100	500 K
				0.125	0805			100	750 K
				0.25	1206			100	3.5 M
				0.50	2010			100	6 M
PHR		ESCC 4001/023 Qualified High Precision (5 ppm, 0.01 %), Thin Film Chip Resistors	Resistors, Fixed	0.05	0402	5	0.01	10	150 K
				0.1	0603			10	500 K
				0.125	0805			10	750 K
				0.25	1206			10	3.5 M
				0.50	2010			10	6 M
TNPS ESCC		Hi-Rel Thin Film Chip Resistors	Resistors, Fixed	0.1	0603	15	0.1	10	221 K
				0.125	0805			10	422 K
				0.25	1206			10	1 M


RESISTORS, FIXED - QPL / MIL

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CMF (Military RN and RL)		Metal Film Resistors, Axial, Military, MIL-R-10509 Qualified, Precision, Type RN and MIL-PRF-22684 Qualified, Type RL	Resistors, Fixed	0.05		25	0.1	10	100 K
				0.10				10	301 K
				0.125				10	1 M
				0.25				10	2 M
				0.50				4.3	2.49 M
				0.75				10	2.49 M
E/H (Military M/D55342)		QPL MIL-PRF-55342 Qualified Thin Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	M55342/01	25	0.1	1	10
					M55342/11			1	10
				0.1	M55342/12			1	10
				0.125	M55342/02			1	10
				0.15	M55342/04			1	10
					M55342/06			1	10
				0.2	M55342/03			1	10
				0.225	M55342/05			1	10
				0.25	D55342/07			1	10
				0.5	M55342/10			1	10
				0.8	M55342/08			1	10
1	M55342/09	1	10						
E/H (T-Level) (Military M/D55342)		QPL MIL-PRF-55342 Qualified Thin Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	M55342X01	25	0.1	1	10
					M55342X11			1	10
				0.1	M55342X12			1	10
				0.125	M55342X02			1	10
				0.15	M55342X04			1	10



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		Metal Film Resistors, Axial, Military/Established Reliability, MIL-PRF-55182 Qualified, Precision, Type RNC, Characteristics J, H, K	Resistors, Fixed	0.2	M55342X03	25	0.1	1	10
				0.225	M55342X05			1	10
				0.25	D55342X07			1	10
				0.5	M55342X10			1	10
				0.8	M55342X08			1	10
				1	M55342X09			1	10
				0.05				10	796 K
				0.10				10	2 M
ERC (Military RNC/RNR)		Metal Film Resistors, Axial, Military/Established Reliability, MIL-PRF-55182 Qualified, Precision, Type RNC, Characteristics J, H, K	Resistors, Fixed	0.125		25	0.1	10	3.01 M
				0.25				10	3.01 M
				0.50				10	3.01 M
				0.75				10	3.01 M
				1.0				10	3.01 M
ERL (Military RLR)		Metal Film Resistors, Axial, Military/Established Reliability, MIL-PRF-39017 Qualified, Type RLR	Resistors, Fixed	0.125		100	1	4.7	1 M
				0.25				1	10 M
				0.50				4.3	3.01 M
				1.0				1	2.7 M
HDN (Military RNR/RNN)		Metal Film Resistors, Military/Established Reliability, Hermetically-Sealed, MIL-PRF-55182 Qualified, Precision, Type RNR, Characteristics E and C	Resistors, Fixed	0.10		25	0.1	10	1.21 M
				0.125				10	2.49 M
				0.25				10	4.99 M
				0.50				24.9	4.99 M
				0.75				24.9	4.99 M
				1.0				49.9	1.21 M
				2.0				49.9	1.21 M
M49465 Military, RLV		Wirewound Resistors, Precision Power, Low Value, Military, MIL-PRF-49465 Qualified, Type RLV, Axial Lead	Resistors, Fixed	3	n/a	50	1	10 m	0.2
				5				10 m	0.5

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCWPM (Military M/D55342)		Thick Film Chip Resistors, Military / Established Reliability MIL-PRF-55342 Qualified, Type RM	Resistors, Fixed	0.04	0302	100	0.5	1	22 M
				0.05	0502			1	22 M
					0402			1	22 M
				0.10	0603			1	22 M
				0.125	0505			1	22 M
					1505			1	22 M
				0.15	0705			1	22 M
					1005			1	22 M
				0.225	2208			1	22 M
				0.25	1206			1	22 M
				0.50	1010			1	22 M
0.80	2010	1	22 M						
1.0	2512	1	22 M						
RCWPM Jumper (Military M32159)		Thick Film Chip Resistors, Zero Ohm Jumper, Military / High Reliability MIL-PRF-32159 Qualified, Type RCZ	Resistors, Fixed	0.035	0302	Zero Ohm Jumper	Zero Ohm Jumper		
				0.04	0402	Zero Ohm Jumper	Zero Ohm Jumper		
				0.05	0502	Zero Ohm Jumper	Zero Ohm Jumper		
				0.07	0603	Zero Ohm Jumper	Zero Ohm Jumper		
				0.100	0505	Zero Ohm Jumper	Zero Ohm Jumper		
					1505	Zero Ohm Jumper	Zero Ohm Jumper		
					0705	Zero Ohm Jumper	Zero Ohm Jumper		




Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min.	Resistance Max.
				(W)				(Ω)	(Ω)
				0.20	1005			Zero Ohm Jumper	Zero Ohm Jumper
				0.225	2208			Zero Ohm Jumper	Zero Ohm Jumper
				0.25	1206			Zero Ohm Jumper	Zero Ohm Jumper
				0.50	1010			Zero Ohm Jumper	Zero Ohm Jumper
				0.80	2010			Zero Ohm Jumper	Zero Ohm Jumper
				1.0	2512			Zero Ohm Jumper	Zero Ohm Jumper
RE Military		Wirewound Resistors, Military, MIL-PRF-18546 Qualified, Type RE, Aluminum Housed, Chassis Mount	Resistors, Fixed	5	n/a	See datasheet	1	0.10	3.32 K
				10				0.10	5.62 K
				20				0.10	12.1 K
				30				0.10	39.2 K
				75				50 m	29.4 K
				120				0.10	35.7 K
RER Military		Wirewound Resistors, Military/Established Reliability MIL-PRF-39009 Qualified, Type RER, R Level	Resistors, Fixed	5	n/a	See datasheet	1	0.10	3.32 K
				10				0.10	5.62 K
				20				0.10	12.1 K
				30				0.10	39.2 K
RW Military		Wirewound Resistors, Military, MIL-PRF-26 Qualified, Type RW, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	20	0.1	0.1	2.74 K
				2.0				0.1	2.74 K
				3.0				0.1	6.49 K
				5.0				0.1	24.3 K
				6.5				0.1	8.2 K
				10.0				0.1	71.5 K




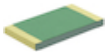

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				11.0				0.1	20 K
RWR Military		Wirewound Resistors, Military/Established Reliability, MIL-PRF-39007 Qualified, Type RWR, Up to S Level, Axial Lead	Resistors, Fixed	1	n/a	see datasheet	0.1	0.1	1 K
				1.5				0.1	1.3 K
				2				0.1	12.1 K
				3				0.1	4.12 K
				5				0.1	12.1 K
				7				0.1	12.4 K
				10				0.1	39.2 K

RESISTORS, FIXED - NOISE SUPPRESSORS

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
HPR		High Pulse Wirewound Resistor, Noise Suppressor	Resistors, Fixed	0.50	n/a	See datasheet	10	1 K	5 K
				1				1 K	5 K
				2				1 K	5 K
NSR		Wirewound Resistors, Noise Suppressor	Resistors, Fixed			250	10	1 K	15 K




RESISTORS, FIXED - ULTRA STABLE




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CHP, HCHP		High Stability Resistor Chips (< 0.25 % at Pn at 70 °C during 1000 h) Thick Film Technology	Resistors, Fixed	0.050	0502	100	0.5	0.1	25 M
				0.125	0603			0.1	25 M
					0505			0.1	10 M
				0.200	0805			0.1	25 M
				0.250	1206			0.1	50 M
					1005			0.1	50 M
				0.500	1010			0.1	25 M
					1505			0.1	75 M
				0.750	2208			0.1	100 M
				1.000	1020			0.1	10 M
2010	0.1	100 M							
2.000	2512	0.1	100 M						
CHPHR		ESCC 4001/026 Qualified High Stability Thick Film Resistor Chips	Resistors, Fixed	0.1	0603	100	1	1	10 M
				0.2	0805			1	10 M
				0.25	1206			1	10 M
				0.5	2010			1	10 M
				0.8	2512			1	10 M
MR300 Series		Wirewound Resistor, Ultra Precision, High Stability, Epoxy Molded, Axial Lead	Resistors, Fixed	0.120	n/a	10	0.005	1	400 K
				0.150				1	500 K
				0.175				1	750 K
				0.200				1	1 M
				0.250				1	1.2 M
				0.330				1	2.5 M

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
				0.400				1	3.8 M	
				0.500				1	3.8 M	
				0.750				1	6 M	
				1.000				1	6 M	
				1.500				1	6 M	
				2.000				1	6 M	
				PHT					High Stability - High Temperature (230 °C) Thin Film Wraparound Chip Resistors, Sulfur Resistant	Resistors, Fixed
0.0375	0603	10	320 K							
0.06	0805	10	720 K							
0.1	1206	10	2.7 M							
0.2	2010	10	7.5 M							
PSF		Metal Film Resistors, High Precision, High Stability, Surface Mount	Resistors, Fixed	0.125	2012	5	0.01	15	100 K	
				0.25	4527			15	500 K	
PTF		Metal Film Resistors, Axial, High Precision, High Stability	Resistors, Fixed	0.05		5	0.02	15	100 K	
				0.125				0.01	15	500 K
				0.25				0.05	15	1 M
PVHT		High Stability - Very High Temperature (270 °C) Thin Film Wraparound Chip Resistors, Sulfur Resistant	Resistors, Fixed	0.031	0402	5	0.05	39	45 K	
				0.062	0603			39	108 K	
				0.100	0805			39	240 K	
				0.165	1206			39	900 K	
				0.2	2010			39	2.5 M	
RCMA		Molded Metal Film Very High Stability (< 0.25 % After 1000 h) and Precision (up to 0.1 %) Resistors	Resistors, Fixed	0.125		15	0.1	1	1 M	
				0.250				1	1 M	
				0.500				1	1.5 M	
				0.75				1	2 M	
				1.0				1	2.5 M	



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				2.0				1	5 M
RCMS02, RCMS05, RCMS1		Molded Metal Film High Stability Resistors	Resistors, Fixed	0.125		30	1	1	150 K
				0.250				1	150 K
				0.500				1	150 K
RCMT		Molded Metal Film High Stability (< 0.25 % After 1000 h) High Temperature (up to 175 °C) Precision Resistors	Resistors, Fixed	0.063		15	0.1	1	511 K
				0.125				1	322 K
				0.250				1	1 M
				0.500				1	1.5 M
				1.0				1	2 M
				2.0				1	2.5 M
				4.0				1	5 M
TNPW		Lead (Pb)-Bearing High Stability Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	10	0.1	10	100 K
				0.1	0603			10	332 K
				0.125	0805			10	1 M
				0.25	1206			10	2 M
				0.33	1210			10	3.01 M
TNPW e3		High Stability Thin Film Flat Chip Resistors	Resistors, Fixed	0.075	0201	10	0.1	22	40 K
				0.100	0402			10	100 K
				0.125	0603			1	332 K
				0.200	0805			1	1 M
				0.400	1206			1	2 M
				0.500	1210			10	3.01 M
WSLS2512, Improved Stability		Power Metal Strip® Resistors, Improved Stability (0.25 % and 0.5 %), Low Value, Surface-Mount	Resistors, Fixed	1.0	2512	75	0.5	10 m	0.1

RESISTORS, FIXED - CARBON FILM








Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
B, T		Carbon Film	Carbon Film Resistors, General Purpose, High Voltage	Resistors, Fixed	0.5			5	50 K	500 M
					1				1 M	
					1.5				50 K	
					2				100 K	
					3				200 K	
					4				400 K	
					5					
					6					
CBB 0207		Carbon Film	High Pulse Load Carbon Film Leaded Resistors	Resistors, Fixed	0.6	n/a		2	10	1.5 M
CMA 0204		Carbon Film	High Pulse Load Carbon Film MINI-MELF Resistors	Resistors, Fixed	0.4	0204		2	10	100 K
CMA 0204 HF		Carbon Film	Pulse Load Carbon Film MINI-MELF Resistors for High Frequency Applications	Resistors, Fixed	0.4	0204	-250	2	47	300
CMB 0207		Carbon Film, MELF	High Pulse Load Carbon Film MELF Resistors	Resistors, Fixed	1.0	0207		1	2.2	1.5 M
D, G		Carbon Film	Carbon Film Resistors, Special Purpose, High Voltage	Resistors, Fixed	10			5	50 K	500 M
									1 K	1 M
					20				100 K	500 M
									1 K	1 M
					30				100 K	500 M
		1 K	1 M							






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
LCA....		Carbon Film	Standard Carbon Film Ledged Resistors	Resistors, Fixed	35	0207		2	300 K	500 M
									1 K	1 M
					60				400 K	500 M
									1 K	5 M
					100				700 K	500 M
									1 K	10 M
LCA....					0.35	0207			5.1 M	
					0.6	0414		0.22	10 M	
LCM0207SI		Carbon Film, MELF	Fusible Carbon Film MELF Resistors	Resistors, Fixed	0.250	0207	-250	5	1	9.1
SPW		Carbon Film	Carbon Film Resistors, Special Purpose, High Frequency Load (Tubes)	Resistors, Fixed	2		200	2	50	50
					10					
					40					
					55					
					120					





RESISTORS, FIXED - COPPER STRIP





Series	Product Image	Description	Case (EIA & Mil)	Typical TCR (ppm/C)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSL...9 Jumper		Zero Ohm Jumper (0.0002 Ω Max.), Solid Copper Strip, Surface-Mount Device	0603	3900	Zero Ohm Jumper	Zero Ohm Jumper
			0805			
			1206			
			2010			
			2512			
WSR2-9 Jumper		Zero Ohm Jumper (0.0003 Ω Max.), Solid Copper Strip, Surface Mount Resistor	4527	3900	Zero Ohm Jumper	Zero Ohm Jumper







RESISTORS, FIXED - METAL FILM










Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
CCF02 (CCF-2)		Metal Film	Metal Film Resistors, Industrial Power, Flameproof	Resistors, Fixed	2.0		100	1	4.99	1 M
CCF07		Metal Film	Metal Film Leaded Resistors, Industrial, ± 2 % and ± 5 % Tolerance	Resistors, Fixed	0.25		100	2	10	2 M
					0.5				10	2 M
CCF55		Metal Film	Metal Film Leaded Resistors, Industrial, ± 1 % Tolerance	Resistors, Fixed	0.25		100	1	10	3.01 M
					0.5				10	3.01 M
CCF60		Metal Film	Metal Film Resistors, Industrial, ± 1 % Tolerance	Resistors, Fixed	1.0		100	1	10	1 M
CMF (Military RN and RL)		Metal Film	Metal Film Resistors, Axial, Military, MIL-R-10509 Qualified, Precision, Type RN and MIL-PRF-22684 Qualified, Type RL	Resistors, Fixed	0.05		25	0.1	10	100 K
					0.10				10	301 K
					0.125				10	1 M
					0.25				10	2 M
					0.50				4.3	2.49 M
					0.75				10	2.49 M
CMF Flame Retardant		Metal Film	Metal Film Resistors, Axial, Industrial, Flame Retardant	Resistors, Fixed	1.25		100	1	1	15 M
					1.5				1	15 M
					1.75				1	15 M
					2				1	15 M
					2.5				1	15 M
					3				1	15 M
CMF Fusible		Metal Film	Metal Film Resistors, Axial, Special Purpose, Fusible, Flameproof	Resistors, Fixed	0.25		100	1	4	10 K
					0.50				4	23 K
					1.5				4	30 K




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
CMF Industrial		Metal Film	Metal Film Resistors, Axial, Industrial, Precision	Resistors, Fixed	0.125		25	0.1	10	22 M
					0.25				0.1	50 M
					0.5				0.1	50 M
					1				0.1	50 M
					1.25				1	22 M
					1.5				0.1	50 M
					1.75				1	22 M
CMF Non-Magnetic		Metal Film	Metal Film Resistors, Axial, Non-Magnetic, Industrial, Precision	Resistors, Fixed	0.125		25	0.1	10	22 M
					0.25				0.1	50 M
					0.5				0.1	50 M
					1				0.1	22 M
					1.25				1	22 M
					1.5				0.1	22 M
					1.75				1	22 M
CMF Pulse Withstanding		Metal Film	Metal Film Resistors, Axial, Industrial, Pulse Withstanding Protective	Resistors, Fixed	1.25		100	1	1	15 M
					1.5				1	15 M
					1.75				1	15 M
					2				1	15 M
					2.5				1	15 M
					3				1	15 M
CPF		Metal Film	Metal Film Resistors, Axial, Industrial Power, Precision, Flameproof	Resistors, Fixed	1		25	0.1	0.1	150 K
					2				0.1	150 K
					3				0.1	150 K
ERC (Military RNC/RNR)		Metal Film	Metal Film Resistors, Axial, Military/Established Reliability, MIL-PRF-55182 Qualified, Precision, Type RNC, Characteristics J, H, K	Resistors, Fixed	0.05		25	0.1	10	796 K
					0.10				10	2 M
					0.125				10	3.01 M

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
ERC Industrial		Metal Film	Metal Film Resistors, Axial, Industrial / High Reliability, Precision	Resistors, Fixed	0.25	25	0.1	10	3.01 M	
					0.50			10	3.01 M	
					0.75			10	3.01 M	
					0.05			10	796 K	
					0.10			10	2 M	
					0.125			10	3.01 M	
					0.25			10	3.01 M	
ERL (Military RLR)		Metal Film	Metal Film Resistors, Axial, Military/Established Reliability, MIL-PRF-39017 Qualified, Type RLR	Resistors, Fixed	0.125	100	1	4.7	1 M	
					0.25			1	10 M	
					0.50			4.3	3.01 M	
					1.0			1	2.7 M	
					0.125			4.7	22 M	
ERL Industrial		Metal Film	Metal Film Resistors, Industrial / High Reliability	Resistors, Fixed	0.25	100	1	1	22 M	
					0.5			4.3	22 M	
					1.0			1	22 M	
					2.0			10	22 M	
					0.5			10	1 M	
FP		Metal Film	Metal Film Resistors, Industrial, Flameproof	Resistors, Fixed	1	150	1	10	1 M	
					2			25	126 K	
					3			22	126 K	
					3.5			25	125 K	
					4			22	125 K	
					5			35	125 K	
					5.5			70	125 K	






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
					6				70	125 K
					6.5				70	125 K
					7				25	125 K
					7.5				25	125 K
					10				25	125 K
					0.5				10	1 M
FP.P		Metal Film	Metal Film Resistors, Pulse Withstanding Protective	Resistors, Fixed	1			1	10	1 M
					2				25	126 K
					3				46.4	125 K
GSR		Metal Film	Metal Film Resistors, Hermetically-Sealed, Precision, Industrial	Resistors, Fixed	0.10		15	0.05	10	2.5 M
					0.125				10	3 M
					0.25				10	10 M
					0.50				10	10 M
					0.75				10	10 M
					1.0				10	5 M
					2.0				10	5 M
HDN (Military RNR/RNN)		Metal Film	Metal Film Resistors, Military/Established Reliability, Hermetically-Sealed, MIL-PRF-55182 Qualified, Precision, Type RNR, Characteristics E and C	Resistors, Fixed	0.10		25	0.1	10	1.21 M
					0.125				10	2.49 M
					0.25				10	4.99 M
					0.50				24.9	4.99 M
					0.75				24.9	4.99 M
					1.0				49.9	1.21 M
					2.0				49.9	1.21 M
HMS		Metal Film	Metal Film Resistors, Hermetically-Sealed, Precision, Matched Sets	Resistors, Fixed			15	0.05	10	4.99 M

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
HVR25, HVR37		Metal Film	High Ohmic (up to 10 MΩ)/High Voltage (up to 3.5 kV) Metal Film Leaded Resistors	Resistors, Fixed	0.25	n/a	200	1	100 K	10 M
					0.5				100 K	10 M
M25SI		Metal Film	Fusible Thin Film Chip Resistors	Resistors, Fixed	0.250	1206	100	2	5	3.9 K
MBA/SMA 0204 VG06, MBB/SMA 0207 VG06, MBE/SMA 0414 VG06		Metal Film	Leaded Metal Film Resistors With Established Reliability	Resistors, Fixed	0.25	0204	15	0.1	1	5.11 M
					0.4				1	5.11 M
					0.6	0207			1	1
					0.651				1	1
					11	0414			1	1
					12				1	1
										Zero Ohm Jumper
						0207			Zero Ohm Jumper	Zero Ohm Jumper
	0204	Zero Ohm Jumper	Zero Ohm Jumper							
MBA/SMA 0204, MBB/SMA 0207, MBE/SMA 0414 - Precision		Metal Film	Precision Metal Film Leaded Resistors	Resistors, Fixed	0.25	0204	15	0.1	22	332 K
					0.40	0207			10	1 M
					0.65	0414			22	1.5 M
MBA/SMA 0204, MBB/SMA 0207, MBE/SMA 0414 - Professional		Metal Film	Professional Metal Film Leaded Resistors	Resistors, Fixed	0.4	0204	25	0.5	0.22	10 M
					0.6	0207			0.22	22 M
					1.0	0414			0.22	22 M
							Zero Ohm Jumper	Zero Ohm Jumper		
MRS16, MRS25		Metal Film	Professional Thin Film Leaded Resistors	Resistors, Fixed	0.4	0204	50	1	4.99	1 M
					0.6	0207			1	10 M


Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
NFR25, NFR25H		Metal Film	Fusible, Non-Flammable Metal Film Leaded Resistors	Resistors, Fixed	0.33	n/a	100	5	0.22	15 K
					0.5				0.22	15 K
PR01, PR02, PR03		Metal Film	Power Metal Film Leaded Resistors	Resistors, Fixed	1	0207	250	1	0.22	1 M
					1.3	0411			1	1 M
					2				0.33	1 M
					2.5	0617			1	1 M
					3				0.68	1 M
PR02-FS		Metal Film	High Pulse, Fusible, Non-Inductive, Flameproof, Metal Film Leaded Resistor	Resistors, Fixed	2	0411	250	10	1	100
PSF		Metal Film	Metal Film Resistors, High Precision, High Stability, Surface Mount	Resistors, Fixed	0.125	2012	5	0.01	15	100 K
					0.25	4527			15	500 K
PTF		Metal Film	Metal Film Resistors, Axial, High Precision, High Stability	Resistors, Fixed	0.05		5	0.02	15	100 K
					0.125			0.01	15	500 K
					0.25			0.05	15	1 M
RCMA		Metal Film	Molded Metal Film Very High Stability (< 0.25 % After 1000 h) and Precision (up to 0.1 %) Resistors	Resistors, Fixed	0.125		15	0.1	1	1 M
					0.250				1	1 M
					0.500				1	1.5 M
					0.75				1	2 M
					1.0				1	2.5 M
					2.0				1	5 M
RCME		Metal Film	Molded Metal Film Resistors Low Temperature Coefficient, High Precision	Resistors, Fixed	0.125		5	0.1	100	750 K
					0.25				100	750 K
RCMM		Metal Film	Molded Metal Film Resistors	Resistors, Fixed	0.25		50	2	1	332 K
					0.50				1	332 K
					1.0				1	1 M
RCMS02, RCMS05,		Metal	Molded Metal Film High Stability Resistors	Resistors,	0.125		30	1	1	150 K


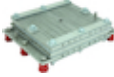





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance (min) (Ω)	Resistance (max) (Ω)
RCMS1		Film		Fixed	0.250				1	150 K
					0.500				1	150 K
RCMT		Metal Film	Molded Metal Film High Stability (< 0.25 % After 1000 h) High Temperature (up to 175 °C) Precision Resistors	Resistors, Fixed	0.063				1	511 K
					0.125				1	322 K
					0.250		15	0.1	1	1 M
					0.500				1	1.5 M
					1.0				1	2 M
					2.0				1	2.5 M
					4.0				1	5 M
RCMX02, RCMX05, RCMX1		Metal Film	Molded Metal Film High Ohmic Value (to 50 MΩ) Resistors	Resistors, Fixed	0.125				300 K	10 M
					0.250		50	1.5	1 M	20 M
					0.500				2 M	50 M
SFR16S, SFR25, SFR25H		Metal Film	Standard Metal Film Leaded Resistors	Resistors, Fixed	0.4	0207	100	1	0.22	10 M
					0.5	0204			1	3 M
						0207			0.22	10 M
						0204			Zero Ohm Jumper	Zero Ohm Jumper
UXA 0204, UXB 0207, UXE 0414		Metal Film	Ultra Precision Metal Film Leaded Resistors	Resistors, Fixed	0.05	0204	2	0.01	22	221 K
					0.125	0207			10	1 M
					0.25	0414	5	22	511 K	
WSF		Metal Film	Metal Film Resistors, Power, Surface Mount	Resistors, Fixed	1.0	2515	100	0.5	10	10 K
					2.0				10	100 K

RESISTORS, FIXED - METAL OXIDE



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CP High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Axial Lead	Resistors, Fixed	2	n/a	400	5	0.1	30 K
					3				0.1	33 K
					5				0.1	50 K
					7				0.1	50 K
					10				0.1	50 K
					15				0.1	50 K
CPC, CPCF High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Vertical Mount	Resistors, Fixed	2	n/a	400	5	0.1	50 K
					3				0.1	50 K
					5				0.1	50 K
					7				0.1	50 K
					10				0.1	100
CPR High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Radial Terminals	Resistors, Fixed	3	n/a	400	5	0.1	100
					5				0.1	33 K
					10				0.5	10 K
					15				1	10 K
					20				1	10 K
CPSM		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Surface Mount	Resistors, Fixed	3	n/a	400	5	0.1	100
					5				0.1	33 K
WK2, WR4, WR5, WK8		Metal Oxide	High Pulse Load, High Power Metal Oxide Leaded Resistors	Resistors, Fixed	1	0207	50	1	0.22	1 M
					2	0414				
					3	0617	200	2	0.22	560 K
					4	0922			0.22	100 K

RESISTORS, FIXED - METAL PLATE/GRID

Series	Product Image	Technology	Description	Typical TCR (ppm/C)	Min. Tolerance (%)	Power (W)	Case (EIA & Mil)	Resistance (min.) (Ω)	Resistance (max.) (Ω)	Pulse Energy (MJ)
GRE1, GRE2		Metal Plate, Metal Grid	High Power, High Current Grid Resistors, 1 kW and Larger	365	10	1300	n/a	20 m	6.9	
						1950		30 m	10.3	
						2600		40 m	13.8	
						3250		50 m	17.2	
						3900		60 m	20.7	
						4000		40 m	28	
						4550		70 m	24.1	
						5200		80 m	27.5	
						5850		90 m	31	
						6000		60 m	42	
						6500		0.1	34.4	
						7150		0.11	37.8	
						7800		0.12	41.3	
						8000		80 m	56	
						10000		0.1	70	
						12000		0.12	84	
						14000		0.14	98	
						16000		0.16	112	
						18000		0.18	126	
						20000		0.2	140	
22000	0.22	154								
24000	0.24	168								















Series	Product Image	Technology	Description	Typical TCR (ppm/C)	Min. Tolerance (%)	Power (W)	Case (EIA & Mil)	Resistance (min.) (Ω)	Resistance (max.) (Ω)	Pulse Energy (MJ)
GRE3		Metal Plate, Metal Grid	High Power, High Current Grid Resistors, 6 kW and Larger	365	10	6000	n/a	80 m	40	
						9000		0.12	60	
						12000		0.16	80	
						15000		0.2	100	
						18000		0.24	120	
						21000		0.28	140	
						24000		0.32	160	
						27000		0.36	180	
						30000		0.4	200	
						33000		0.44	220	
	36000	0.48	240							
ULDCR00		Metal Plate/Grid	Compact Metal Plate Power Resistor	1030	10		n/a	75 m	75 m	1.35
ULDCR11		Metal Plate/Grid	Compact Metal Plate Power Resistor	1030	10		n/a	90 m	90 m	0.608
ULDCR12		Metal Plate/Grid	Compact Metal Plate Power Resistor	1030	10		n/a	80 m	80 m	0.76
ULDCR23		Metal Plate/Grid	Compact Metal Plate Power Resistor	1030	10		n/a	0.5	0.5	2
ULDCR25		Metal Plate/Grid	Compact Metal Plate Power Resistor	1030	10		n/a	0.8	0.8	2
VSGR		Metal Plate, Metal Grid	Stainless Steel Power Resistor	250	10	5K	n/a	0.1	54	
						20K		0.3	36	
						15K		0.2	51	
						10K			75	




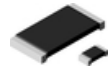

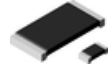
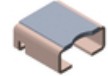

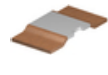
RESISTORS, FIXED - POWER METAL PLATE CURRENT SENSE

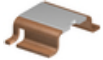



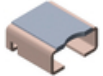


Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Resistance Min. (Ω)	Resistance Max. (Ω)
WFC		Metal Foil Current Sense Resistors, Low Value (Down to 0.001 Ω)	0.125	0402	0.003	0.05
			0.25	0603	0.0051	0.03
			0.33		0.001	0.005
			0.5	1206	0.100	0.18
			0.50	0805	0.001	0.04
			1.0	1206		0.05
WFCP		Metal Foil Current Sense Resistors, Very High Power (to 2 W)	0.25	0402	0.0025	0.050
			0.5	0603	0.002	0.03
			1.0	0612	0.0051	
			2.0		0.001	0.005
WFM		Power Metal Plate™ Current Sense Resistors, Low Value (5 m Ω to 500 m Ω), Surface-Mount, High Power	2.0	2010	0.010	0.500
			3.0	2512		
			4.0			
WFP		Power Metal Plate™ Current Sense Resistors, Low Value (2 m Ω to 8 m Ω), Hybrid Mount, High Power	20	3939	0.002	0.008


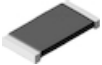

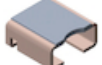






RESISTORS, FIXED - POWER METAL STRIP

Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSBM8518		Power Metal Strip® Battery Shunt Resistor W/Molded Enclosure Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 500 μΩ)	25	8518	See datasheet	5	50 μ	0.5 m
			36				50 μ	0.5 m
WSBS5216		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ)	12	5216	See datasheet	5	50 μ	0.25 m
WSBS5216...14		Power Metal Strip® Battery Shunt Resistor, Very Low Value (100 μΩ), Sn Plated	12	5216	See datasheet	5	50 μ	0.25 m
WSBS8518		Power Metal Strip® Battery Shunt Resistor, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...14		Power Metal Strip® Battery Shunt Resistor, Sn Plated, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...20		Power Metal Strip® Shunt Resistor With Two Sense Pins, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...34		Power Metal Strip® Shunt Resistor, Low TCR (Down to < ± 10 ppm/°C), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	20	8518	See datasheet	5	0.1 m	1 m
			25				0.1 m	1 m
			36				0.1 m	1 m
WSBS8518...35		Power Metal Strip® Shunt Resistor With Sense Pins, Low TCR (Down to < ± 10 ppm/°C), Very Low Value (100 μΩ, 500 μΩ, and 1000 μΩ)	20	8518	See datasheet	5	0.1 m	1 m
			25				0.1 m	1 m
			36				0.1 m	1 m
WSBS8518...40		Power Metal Strip® Shunt Resistor With Three Sense Pins, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...60		Power Metal Strip® Shunt Resistor With Two Sense Pins and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	1 m
WSBS8518...80		Power Metal Strip® Shunt Resistor With Three Sense Pins, Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, and 125 μΩ)	36	8518	See datasheet	5	50 μ	1 m






Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSBS8518...M3		Power Metal Strip® Battery Shunt Resistor With (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...M4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P3		Power Metal Strip® Battery Shunt Resistor With M3 Tapped Holes and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8518...P4		Power Metal Strip® Battery Shunt Resistor With M4 Tapped Holes and Sn Plated Terminals, Very Low Value (50 μΩ, 100 μΩ, 125 μΩ, and 250 μΩ)	36	8518	See datasheet	5	50 μ	0.25 m
WSBS8536		Power Metal Strip® Battery Shunt Resistor Very Low Value (Down to 25 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...14		Power Metal Strip® Battery Shunt Resistor Very Low Value (25 μΩ, 50 μΩ, 100 μΩ, and 125 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...20		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 μΩ, 50 μΩ, 100 μΩ, and 125 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...40		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 μΩ, 50 μΩ, 100 μΩ, and 125 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...60		Power Metal Strip® Battery Shunt Resistor With Two Sense Pins Very Low Value (25 μΩ, 50 μΩ, 100 μΩ, and 125 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSBS8536...80		Power Metal Strip® Battery Shunt Resistor With Three Sense Pins Very Low Value (25 μΩ, 50 μΩ, 100 μΩ, and 125 μΩ)	50	8536	See datasheet	5	25 μ	0.125 m
WSHM2818		Power Metal Strip® Resistors, High Power (7 W), Low Value (Down to 0.001 Ω), Surface Mount	6	2818	See datasheet	0.5	0.101	0.2
			7				1 m	0.1
WSHP2818		Power Metal Strip® Resistors, High Power (10 W), Low Value (Down to 0.001 Ω), Surface-Mount	10	2818	See datasheet	0.5	1 m	0.1
WSK1206		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	0.25	1206	35	0.1	10 m	50 m
WSK1206...18 High Power		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	0.5	1206	35	0.1	10 m	50 m






Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSK1216		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	3.0	1216	See datasheet	1	1 m	1 m
			5.0				0.5 m	0.5 m
			8.0				0.2 m	0.3 m
WSK2512		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ω), Surface-Mount, 4-Terminal	1.0	2512	See datasheet	0.1	0.5 m	0.2
WSKW0612		Power Metal Strip® Resistors, High Power, Surface-Mount, 4-Terminal	1.0	0612	See datasheet	1	0.5 m	5 m
WSL		Power Metal Strip® Resistors, Low Value (Down to 0.0005 Ohm), Surface-Mount	0.1	0603	See datasheet	0.5	10 m	0.1
			0.125	0805			5 m	0.2
			0.25	1206			0.5 m	0.2
			0.5	2010			1 m	0.5
			1.0	2512			0.5 m	0.5
			2.0	2816			2 m	0.1
WSL, Wide Terminal		Power Metal Strip® Resistors, Wide Terminal, Low Inductance (< 1 nH), Surface-Mount	1.0	0612	See datasheet	1	0.75 m	5 m
			2.0	1020		0.5	1 m	6 m
WSL...18 High Power		Power Metal Strip® Resistors, High Power (2 x Standard WSL), Low Value (Down to 0.0005 Ohm), Surface Mount	0.20	0603	See datasheet	0.5	10 m	0.1
			0.25	0805			5 m	0.2
			0.5	1206			0.5 m	0.2
			1.0	2010			1 m	0.5
			2.0	2512			0.5 m	40 m
WSL2726		Power Metal Strip® Resistors, Low Value, High Power, Surface-Mount, 4-Terminal	3.0	2726	See datasheet	1	0.2 m	5 m
WSL3637		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ohm), Surface-Mount, 4-Terminal	3.0	3637	See datasheet	0.5	1 m	10 m
WSL3921, WSL5931		Power Metal Strip® Resistors, Low Value (Down to 0.0001 Ω), Surface-Mount	3.0	3921	See datasheet	1	0.1 m	4 m
			5.0	5931			2 m	3 m
								0.1 m

Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
WSL4026		Power Metal Strip® Resistors, Low Value, High Power, Surface Mount, 4-Terminal	3.0	4026	See datasheet	1	0.2 m	5 m
WSLF		Power Metal Strip® Resistors, Low Value (Down to 0.0003 Ω), Surface-Mount	3.0	2512	See datasheet	1	4 m	4 m
			4.0				3 m	3 m
			6.0				1 m	2 m
			9.0				0.3 m	0.5 m
WSLP		Power Metal Strip® Resistors, Very High Power (to 3 W), Low Value (Down to 0.0005 Ω), Surface-Mount	0.4	0603	See datasheet	0.5	10 m	0.1
			0.5	0805			5 m	0.1
			1.0	1206			0.5 m	50 m
			2.0	2010			1 m	30 m
			3.0	2512			0.5 m	10 m
WSLP...18		Power Metal Strip® Resistors, Very High Power (1 W), Low Value (Down to 0.005 Ohm), Surface-Mount	1.0	0805	See datasheet	1	5 m	10 m
			2.0	1206			5 m	12 m
WSLP2726		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	5.0	2726	See datasheet	1	1.3 m	5 m
			7.0				0.5 m	1 m
			10.0				0.3 m	0.3 m
			12.0				0.2 m	0.2 m
WSLP3921, WSLP5931		Power Metal Strip® Resistors, Very High Power (to 15 W), Low Value (Down to 0.0001 Ω), Surface-Mount	5.0	3921	See datasheet	1	2 m	4 m
			7.0	5931			3 m	3 m
			8.0				2 m	2 m
			9.0	3921			0.1 m	1 m
			10.0	5931			0.2 m	1 m
			15.0				0.1 m	0.1 m
WSLP4026		Power Metal Strip® Resistors, Very High Power (to 12 W), Low Value (Down to 0.0002 Ω), Surface Mount	5.0	4026	See datasheet	1	1.3 m	5 m
			7.0				0.5 m	1 m
			10.0				0.3 m	0.3 m






Series	Product Image	Description	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
			12.0				0.2 m	0.2 m
WSLS2512, Improved Stability		Power Metal Strip® Resistors, Improved Stability (0.25 % and 0.5 %), Low Value, Surface-Mount	1.0	2512	75	0.5	10 m	0.1
WSLT2010...18		Power Metal Strip® Resistors High Temperature (275 °C), High Power (1 W), Low Value (Down to 0.01 Ohm), Surface-Mount	1.0	2010	75	0.5	10 m	0.50
WSLT2512		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.01 Ohm), Surface-Mount	1.0	2512	75	0.5	10 m	0.50
WSLT2726		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	3.0	2726	See datasheet	1	0.3 m	5 m
WSLT3921, WSLT5931		Power Metal Strip® Resistors, High Temperature (275 °C), Low Value (Down to 0.0001 Ω), Surface-Mount	3.0	3921	See datasheet	1	0.2 m	4 m
			5.0	5931			0.3 m	3 m
WSLT4026		Power Metal Strip® Resistors, High Temperature (275 °C), High Power, Low Value, Surface Mount, 4-Terminal	3.0	4026	See datasheet	1	0.3 m	5 m
WSMS2908		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.0001 Ω)	3.0	2908	See datasheet	5	50 μ	1 m
WSMS5515		Power Metal Strip® Meter Shunt Resistor, Very Low Value (down to 0.00010 Ohms)	3.0	5515	See datasheet	5	50 μ	1 m
WSR		Power Metal Strip® Resistors, Low Value (down to 0.001 Ω), Surface Mount	2.0	4527	See datasheet	0.5	1 m	1.0
			3.0				1 m	0.2
WSR High Power		Power Metal Strip® Resistors, Low Value (Down to 0.001 Ω), Surface Mount	5.0	4527	See datasheet	0.5	1 m	0.3



RESISTORS, FIXED - THICK FILM





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CDHV		Thick Film	Thick Film Chip Dividers, High Voltage	Resistors, Fixed	1	2512	100	1	20 M	20 G
CDMM		Thick Film	Molded Thick Film Divider, High Voltage, High Precision, Surface-Mount	Resistors, Fixed	1.5	4527		0.5	500 K	50 M
CDMV		Thick Film	Thick Film Chip Dividers, Medium Voltage	Resistors, Fixed	1	2512	100	0.5	10 K	75 M
CHP, HCHP		Thick Film	High Stability Resistor Chips (< 0.25 % at Pn at 70 °C during 1000 h) Thick Film Technology	Resistors, Fixed	0.050	0502	100	0.5	0.1	25 M
					0.125	0603			0.1	25 M
						0505			0.1	10 M
					0.200	0805			0.1	25 M
					0.250	1206			0.1	50 M
						1005			0.1	50 M
					0.500	1010			0.1	25 M
						1505			0.1	75 M
					0.750	2208			0.1	100 M
					1.000	1020			0.1	10 M
2010	0.1	100 M								
2.000	2512	0.1	100 M							
CHPFR		Thick Film	ESCC 4001/026 Qualified R Failure Rate High Precision Thick Film Chip Resistors	Resistors, Fixed	0.1	0603	100	1	1	10 M
					0.2	0805			1	10 M
					0.25	1206			1	10 M
					0.5	2010			1	10 M
					0.8	2512			1	10 M






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CHPHR		Thick Film	ESCC 4001/026 Qualified High Stability Thick Film Resistor Chips	Resistors, Fixed	0.1	0603	100	1	1	10 M
					0.2	0805			1	10 M
					0.25	1206			1	10 M
					0.5	2010			1	10 M
					0.8	2512			1	10 M
CHPHT		Thick Film	High Temperature (245 °C) Thick Film Chip Resistor	Resistors, Fixed	0.0125	0603	100	1	0.1	25 M
					0.02	0805			0.1	25 M
					0.025	1206			0.1	50 M
					0.1	2010			0.1	100 M
CRCW-37		Thick Film	Lead (Pb)-Bearing Thick Film, Rectangular Chip Resistors	Resistors, Fixed	0.25	1206	200	10	5.1	10 M
					0.33	1210			5.1	10 M
					1.0	2512			5.1	10 M
CRCW-37 e3		Thick Film	Standard Thick Film Chip Resistors	Resistors, Fixed	0.25	1206	200	10	5.1	10 M
					0.33	1210			5.1	10 M
					1	2512			5.1	10 M
CRCW-HP e3		Thick Film	Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	0.5	1	1 M
					0.33	0603			1	1 M
					0.5	0805			1	1 M
					0.75	1210			1	1 M
					0.753	1206			1	1 M
					1.0	2010			1	1 M
					1.5	1218			1	1 M
						2512			Zero Ohm Jumper	Zero Ohm Jumper
						2010	Zero Ohm Jumper	Zero Ohm Jumper		







Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
						1218			Zero Ohm Jumper	Zero Ohm Jumper
						1210			Zero Ohm Jumper	Zero Ohm Jumper
						1206			Zero Ohm Jumper	Zero Ohm Jumper
						0805			Zero Ohm Jumper	Zero Ohm Jumper
						0603			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper
CRCW...C e3		Thick Film	Lead (Pb)-free Thick Film, Rectangular Commodity Chip Resistors	Resistors, Fixed	0.063	0402	100	1	1	10 M
					0.10	0603			1	10 M
					0.125	0805			1	10 M
					0.25	1206			1	10 M
									Zero Ohm Jumper	Zero Ohm Jumper
CRCW01005 e3		Thick Film	Standard Thick Film Chip Resistors	Resistors, Fixed	0.031	01005	250	1	10.0	1 M
									Zero Ohm Jumper	Zero Ohm Jumper
CRCW0201 e3		Thick Film	Lead (Pb)-Free Commodity Thick Film Chip Resistors	Resistors, Fixed	0.05	0201	200	0.5	10.0	10 M
									Zero Ohm Jumper	Zero Ohm Jumper
CRHA		Thick Film	Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	1	2 M	100 M
					0.45	1210			4 M	100 M
					0.50	2010			6 M	100 M
					0.60	2510			10 M	500 M
					1.0	2512			10 M	500 M










Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CRHP		Thick Film	Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.50	1206	100	0.5	2 M	8 G
					0.70	1210			4 M	10 G
					1.0	2010			6 M	35 G
					1.2	2510			10 M	40 G
					1.5	2512			10 M	50 G
CRHV		Thick Film	Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	0.5	2 M	8 G
					0.45	1210			4 M	10 G
					0.50	2010			6 M	35 G
					0.60	2510			10 M	40 G
					1.0	2512			10 M	50 G
CRMA		Thick Film	Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206			Zero Ohm Jumper	Zero Ohm Jumper
					0.35	1210			Zero Ohm Jumper	Zero Ohm Jumper
					0.50	2010			Zero Ohm Jumper	Zero Ohm Jumper
					0.80	2510			Zero Ohm Jumper	Zero Ohm Jumper
					1.0	2512			Zero Ohm Jumper	Zero Ohm Jumper
CRMV		Thick Film	Thick Film Chip Resistors, High Voltage	Resistors, Fixed	0.30	1206	100	0.5	150	15 M
					0.35	1210			300	20 M
					0.50	2010			500	40 M
					0.80	2510			1 K	60 M
					1.0	2512			1 K	75 M
D AP, CRCW-AP		Thick Film	Thick Film, Rectangular Chip Resistors for Conductive Gluing	Resistors, Fixed	0.063	0402	100	1	100	10 M
					0.10	0603			18	10 M







Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					0.125	0805			18	10 M
					0.25	1206			18	10 M
					0.50	1210			18	10 M
					0.75	2010			18	10 M
					1.0	1218			18	2.2 M
						2512			18	10 M
									Zero Ohm Jumper	Zero Ohm Jumper
D/CRCW		Thick Film	Lead (Pb)-Bearing Thick Film, Rectangular Chip Resistors	Resistors, Fixed						
D/CRCW e3		Thick Film	Standard Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	100	1	1	10 M
					0.10	0603			1	10 M
					0.125	0805			1	10 M
					0.25	1206			1	10 M
					0.5	1210			1	10 M
					0.75	2010			1	10 M
					1.0	1218			1	2.2 M
						2512			1	10 M
						2010	Zero Ohm Jumper	Zero Ohm Jumper		
						1218	Zero Ohm Jumper	Zero Ohm Jumper		
						1210	Zero Ohm Jumper	Zero Ohm Jumper		
						1206	Zero Ohm Jumper	Zero Ohm Jumper		



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
						0805			Zero Ohm Jumper	Zero Ohm Jumper
						0603			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper
D/CRCW-HR		Thick Film	Lead (Pb)-Bearing Thick Film, Rectangular High Value Chip Resistor	Resistors, Fixed	0.10	0603	500	5	11 M	470 M
					0.125	0805			11 M	470 M
					0.25	1206			11 M	470 M
D/CRCW-HR e3		Thick Film	High Value Thick Film Chip Resistors	Resistors, Fixed	0.1	0603	500	5	11 M	470 M
					0.125	0805			11 M	470 M
					0.25	1206			11 M	470 M
D/CRCW-IF e3		Thick Film	Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
					0.10	0603			1	100 K
					0.125	0805			1	100 K
					0.25	1206			1	100 K
					0.50	1210			1	100 K
					0.75	2010			1	100 K
					1.0	2512			1	100 K
D/CRCW-P		Thick Film	Lead (Pb)-Bearing Thick Film, Rectangular, Semi-Precision Chip Resistors	Resistors, Fixed	0.063	0402	100	0.5	10	1 M
					0.1	0603			10	10 M
					0.125	0805			10	10 M
					0.25	1206			10	10 M
					0.5	1210			100	1 M
					0.75	2010			10	10 M
					1.0	1218			100	2.2 M
						2512			10	10 M




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
D/CRCW-P e3		Thick Film	Semi-Precision Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	50	0.25	1	10 M
					0.10	0603			1	10 M
					0.125	0805			10	10 M
					0.25	1206			10	10 M
					0.5	1210			10	10 M
					0.75	2010			10	10 M
					1.0	1218 2512			10	10 M
D/CRCW-TR		Thick Film	Lead (Pb)-Bearing Thick Film, Rectangular, Trimmable Chip Resistors	Resistors, Fixed	0.063	0402	100		10	10 M
					0.10	0603			10	10 M
					0.125	0805			10	10 M
					0.25	1206			10	10 M
					0.50	1210			10	4.7 M
					0.75	2010			10	4.7 M
					1.0	2512			10	4.7 M
D/CRCW-TR e3		Thick Film	Lead (Pb)-Free Thick Film, Rectangular, Trimmable Chip Resistors	Resistors, Fixed	0.063	0402	100		10	10 M
					0.10	0603			10	10 M
					0.125	0805			10	10 M
					0.25	1206			10	10 M
					0.50	1210			10	4.7 M
					0.75	2010			10	4.7 M
					1.0	2512			10	4.7 M
D2TO20		Thick Film	Surface Mount Power Resistor Thick Film Technology	Resistors, Fixed	20	TO-263	150	1	10 m	550 K
D2TO35		Thick Film	Surface Mount Power Resistor Thick Film Technology	Resistors, Fixed	35	TO-263	150	1	10 m	550 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
DTO25		Thick Film	Surface Mounted Power Resistor Thick Film Technology	Resistors, Fixed	25	TO-252 (DPAK)	150	1	16 m	700 K
DTO35		Thick Film	Surface Mounted Power Resistor Thick Film Technology	Resistors, Fixed	35	TO-252 (DPAK)	150	1	16 m	700 K
FHV Axial		Thick Film	Thick Film Planar Resistors, Through-Hole, Axial Lead, High Voltage	Resistors, Fixed	0.25	Through hole	100	1	100	1 G
					0.50				10 K	100 M
					1				10 K	500 M
					1.5				100	2 G
									10 K	2 G
					2				20 K	2 G
					4				200	8 G
FHV Radial		Thick Film	Thick Film Planar Resistors, Through-Hole, Radial Lead, High Voltage	Resistors, Fixed	0.25	Through hole	100	1	100	1 G
					0.50				10 K	100 M
					1				10 K	500 M
					1.5				100	2 G
									10 K	2 G
					2				20 K	2 G
					4				200	8 G
HML		Thick Film	Thick Film Resistors, Industrial, Miniature, Axial-Leaded	Resistors, Fixed	0.063	Through hole	100	1	1	22 M
HPS		Thick Film	High Ohmic Value (up to 1.5 GOhm), High Power Resistors (up to 10 W at 25 °C) Thick Film Technology	Resistors, Fixed	1		150	0.5	200	100 M
					2				200	175 M
					3				300	400 M
					4				800	650 M
					6				1 K	1 G








Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					8				1 K	1 G
HTS		Thick Film	High Ohmic Values (up to 100 GΩ), High Voltage Resistors (up to 50 kV) Thick Film Technology	Resistors, Fixed	10	150	0.5	0.5	2 K	1.5 G
					0.25				200	200 M
					0.5				1 K	500 M
					1				1 K	2.5 G
					1.5				1 K	5 G
					2				1 K	50 G
					2.5				1 K	15 G
					3				1 K	30 G
					4				1 K	15 G
5	1 K	30 G								
LCH 100		Thick Film	Power Resistor, for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	100	100	150	1	60 m	1 M
LPS 1100		Thick Film	Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	1100		150	4	1	1.3 K
LPS 300		Thick Film	Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	300		150	5	0.3	900 K
LPS 600		Thick Film	Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	600		150	5	0.3	900 K
LPS 800		Thick Film	Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	800		150	5	0.3	900 K
LPSA 300		Thick Film	Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	300		150	5	0.3	900 K
LPSA 600		Thick Film	Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	600		150	5	0.3	900 K
LPSA 800		Thick Film	Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	800		150	5	0.3	900 K






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
LR		Thick Film	Lead (Pb)-Free Thick Film, Wraparound Low Value Resistor (R = 0.25 Ω);	Resistors, Fixed	2.0	2512	300	1	0.25	0.25
LTO 100		Thick Film	Power Resistor Thick Film Technology	Resistors, Fixed	100	TO-247	350	6	15 m	0.2
LTO 150		Thick Film	Clip Mount Power Resistor Thick Film Technology	Resistors, Fixed	150	TO-247	350	6	30 m	0.2
LTO 30		Thick Film	30 W Power Resistor Thick Film Technology	Resistors, Fixed	30	TO-220	250	6	10 m	0.5
LTO 50		Thick Film	Power Resistor Thick Film Technology	Resistors, Fixed	50	TO-220	250	6	10 m	0.5
M		Thick Film	High Reliability Thick Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.1	0402	100	0.5	1	10
						0502			1	10
					0.125	0504			1	10
						0505			1	10
					0.15	0603			1	10
						0705			1	10
					0.2	0805			1	10
						1005			1	10
					0.33	1206			1	10
					0.35	1505			1	10
					0.5	1010			1	10
					0.75	2208			1	10
					1	2010			1	10
2	2512	1	10							



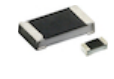



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCA		Thick Film	Automotive Grade Thick Film, Rectangular Chip Resistors	Resistors, Fixed	0.063	0402	100	1	10	10 M
					0.10	0603			1	10 M
					0.125	0805			1	10 M
					0.25	1206			1	10 M
					0.5	1210			1.0	10 M
					0.75	2010			1.0	10 M
					1.0	1218			1.0	2.2
						2512			1.0	10 M
								Zero Ohm Jumper	Zero Ohm Jumper	
RCA e3		Thick Film	Sulfur Resistant Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	50	0.5	1	10 M
					0.10	0603			1	10 M
					0.125	0805			1	10 M
					0.25	1206			1	10 M
					0.5	1210			1	10 M
					0.75	2010			1	10 M
					1.0	1218			1	10 M
						2512			1	10 M
						2512			Zero Ohm Jumper	Zero Ohm Jumper
						2010			Zero Ohm Jumper	Zero Ohm Jumper
						1218			Zero Ohm Jumper	Zero Ohm Jumper
						1210			Zero Ohm Jumper	Zero Ohm Jumper
						1206			Zero Ohm Jumper	Zero Ohm Jumper





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
						0805			Zero Ohm Jumper	Zero Ohm Jumper
						0603			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper
RCA-AU e4		Thick Film	Sulfur Resistant, Gold Terminated Thick Film Chip Resistors for Conductive Gluing	Resistors, Fixed	0.1	0402	100	1	1	10 M
					0.15	0603			1	10 M
							0402	Zero Ohm Jumper	Zero Ohm Jumper	
RCA-HP e3		Thick Film	Sulfur Resistant, Pulse Proof, High Power Thick Film Chip Resistors	Resistors, Fixed	0.22	0402	100	1	1	1 M
					0.33	0603			1	1 M
					0.5	0805			1	1 M
					0.75	1210			1	1 M
					0.753	1206			1	1 M
					1.0	2010			1	1 M
					1.5	1218			1	1 M
RCA-IF e3		Thick Film	Sulfur Resistant, Pulse Proof Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	200	5	1	100 K
					0.1	0603			1	100 K
					0.125	0805			1	100 K
					0.25	1206			1	100 K
					0.5	1210			1	100 K
					0.75	2010			1	100 K
					1.0	2512			1	100 K


Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCA-LS e3		Thick Film	Sulfur Resistant, Long Side Termination Thick Film Chip Resistors	Resistors, Fixed	0.25	0406	100	1	1	1 M
					1.0	1020			1	1 M
						1218			1	2.2 M
					1.02	n/a			1	39.2 K
						40.2 K			1 M	
					2.02		1	1 M		
						1225		Zero Ohm Jumper	Zero Ohm Jumper	
						1218		Zero Ohm Jumper	Zero Ohm Jumper	
						1020		Zero Ohm Jumper	Zero Ohm Jumper	
						0612		Zero Ohm Jumper	Zero Ohm Jumper	
						0406		Zero Ohm Jumper	Zero Ohm Jumper	
RCC e3		Thick Film	Medium Power Thick Film Chip Resistors	Resistors, Fixed	0.125	0402	100	1	1	10 M
					0.2	0603			1	10 M
					0.25	0805			1	10 M
					0.5				1	1 M
						1206		Zero Ohm Jumper	Zero Ohm Jumper	
						0805		Zero Ohm Jumper	Zero Ohm Jumper	
						0603		Zero Ohm Jumper	Zero Ohm Jumper	
						0402		Zero Ohm Jumper	Zero Ohm Jumper	



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCEC 400		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	400		150	5	1.0	1 M
					2 x 180				1.5	1 M
RCEC 400 BS		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	400		700	4	0.15	2
RCEC 500		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	500		300	4	0.47	3
RCEC 750		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	800		700	4	0.15	2
RCEC 850		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	850		300	4	0.47	3
RCEC ISO		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	100		250	4	0.33	1 M
RCG e3		Thick Film	Green Thick Film Chip Resistors	Resistors, Fixed	0.063	0402	100	0.5	1	10 M
					0.10	0603			1	10 M
					0.125	0805			1	10 M
					0.25	1206			1	10 M
						1206			Zero Ohm Jumper	Zero Ohm Jumper
						0805			Zero Ohm Jumper	Zero Ohm Jumper
						0603			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
RCG0201...C e3		Thick Film	Green Commodity Thick Film Chip Resistors	Resistors, Fixed	0.05	0201	250	1	15	1 M	
									Zero Ohm Jumper	Zero Ohm Jumper	
RCH		Thick Film	Power Resistor, for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	5		150	4	0.24	1 M	
					10				0.24	1 M	
					25				0.24	1 M	
					50				0.24	1 M	
RCHR		Thick Film	Thick Film Chip Resistors, High Resistance Value	Resistors, Fixed		1206	500	5	1 M	3 G	
									1005	500 K	2 G
									0805	500 K	1 G
RCL e3		Thick Film	Long Side Termination Thick Film Chip Resistors	Resistors, Fixed	0.25	0406	100	1	1	1 M	
					1.0	n/a			1	39.2 K	
						1020			40.2 K	1 M	
						1218			1	1 M	
						1218			1	2.2 M	
					2.0				1	1 M	
						1225			Zero Ohm Jumper	Zero Ohm Jumper	
						1218			Zero Ohm Jumper	Zero Ohm Jumper	
						1020			Zero Ohm Jumper	Zero Ohm Jumper	
						0406			Zero Ohm Jumper	Zero Ohm Jumper	
RCMC		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Metal Technology	Resistors, Fixed	750		150	4	0.27	18	


Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RCMW 650		Thick Film	Power Resistors Cooled by Auxiliary Heatsink (Not Supplied) Thick Film Technology	Resistors, Fixed	650		300	4	0.47	3
RCP		Thick Film	Thick Film Chip Resistors, Industrial, High Power, Aluminum Nitride Substrate	Resistors, Fixed	1.4	0505	150	1	10	2 K
					1.5	0603			10	2 K
					2.4	1206			10	2 K
					3.5	2512			10	2 K
RCS e3		Thick Film	Anti-Surge, High Power Thick Film Chip Resistors	Resistors, Fixed	0.2	0402	100	0.5	1	10 M
					0.25	0603			1	10 M
					0.5	0805			1	10 M
									1	10 M
						1206			Zero Ohm Jumper	Zero Ohm Jumper
						0805			Zero Ohm Jumper	Zero Ohm Jumper
						0603			Zero Ohm Jumper	Zero Ohm Jumper
						0402			Zero Ohm Jumper	Zero Ohm Jumper
RCV e3		Thick Film	High Voltage (Up to 2 kV) Thick Film Chip Resistors	Resistors, Fixed	0.125	0805	100	1	100 K	10 M
					0.25	1206			100 K	10 M
					0.75	2010			100 K	10 M
RCV-AT e3		Thick Film	High Voltage (Up to 3 kV) Thick Film Chip Resistors	Resistors, Fixed	0.75	2010	100	1	100 K	100 M
					1.0	2512			100 K	100 M
RCWE		Thick Film	Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	0.125	0402	100	0.5	33 m	0.976
					0.2	0603			10 m	0.976
					0.25	0805			10 m	0.976
					0.5	1206			10 m	0.976









Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)						
		Thick Film	Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	1.0	0612	100	0.5	10 m	0.976						
						1210										
						2010										
					2.0	1020	100	0.5	10 m	0.976						
						2512										
					RCWH		Thick Film	Thick Film Surface Mount Chip Resistors, Wraparound, Extremely Low Value (0.01 Ω to 0.976 Ω)	Resistors, Fixed	0.33	0805	100	0.5	10 m	0.976	
RCWL		Thick Film	Thick Film Surface Mount Chip Resistors, Wraparound, Low Value (0.1 Ohm to 0.91 Ohm)	Resistors, Fixed	0.063	0402	300	5	0.10	0.43						
					0.1	0603										
					0.125	0805										
					0.25	1206	200				0.10	0.91				
						0.33							1210			
					0.5	2010	200						0.10	0.91		
						1.0									1218	
						2512										
					RCWP		Thick Film								Thick Film Chip Resistors, Industrial / High Reliability	Resistors, Fixed
0201																
0.05	0502	0.5	1	22 M												
	0402															
0.08	0504		0.5	1				22 M								
0.10	0603															
0.125	0505			0.5				1	22 M							
0.15	0705															
0.20	1005							0.5	1	22 M						
0.25	1206															
0.35	1505								0.5	1	22 M					


Series	Product Image	Technology	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					(W)				(Ω)	(Ω)
RCWP Jumper		Thick Film	Thick Film Chip Resistors, Zero Ohm Jumper, Industrial / High Reliability	Resistors, Fixed	0.50	1010			1	22 M
						1210			1	22 M
					0.60	2208			1	22 M
					0.80	2010			1	22 M
					1.0	2512			1	22 M
					0.04	0302			Zero Ohm Jumper	Zero Ohm Jumper
						0201			Zero Ohm Jumper	Zero Ohm Jumper
					0.05	0402			Zero Ohm Jumper	Zero Ohm Jumper
						0502			Zero Ohm Jumper	Zero Ohm Jumper
					0.08	0504			Zero Ohm Jumper	Zero Ohm Jumper
					0.10	0603			Zero Ohm Jumper	Zero Ohm Jumper
					0.125	0505			Zero Ohm Jumper	Zero Ohm Jumper
					0.15	0705			Zero Ohm Jumper	Zero Ohm Jumper
					0.20	1005			Zero Ohm Jumper	Zero Ohm Jumper
					0.25	1206			Zero Ohm Jumper	Zero Ohm Jumper
					0.35	1505			Zero Ohm Jumper	Zero Ohm Jumper
					0.50	1010			Zero Ohm Jumper	Zero Ohm Jumper

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
									Zero Ohm Jumper	Zero Ohm Jumper	
RCWP Low Value		Thick Film	Thick Film Chip Resistors, Industrial, Low Value	Resistors, Fixed	0.05	0402	200	1	49.9 m	0.196	
						0502			49.9 m	0.200	
						0.07			0603	49.9 m	0.100
						0.125			0505	49.9 m	97.6 m
					0.15	0705	100		49.9 m	0.999	
						1505			49.9 m	0.999	
						0.20			1005	49.9 m	0.999
						0.225			2208	49.9 m	0.999
						0.25			1206	49.9 m	0.999
						0.50			1010	49.9 m	0.999
						0.80			2010	49.9 m	0.999
						1.0			2512	49.9 m	0.999
RCWP Moisture Resistant		Thick Film	Thick Film Chip Resistors, Industrial, Moisture Resistant	Resistors, Fixed	0.04	0302	300	2	1	9.1	
						0201			5	10	47
					0.05	0402		2	1	9.1	
						0502			1	9.1	
					0.10	0603		1	5.6		
					0.125	0505		1	9.1		
					0.15	0705		1	5.6		











Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)							
					0.20	1005			1	5.6							
RCWP Non-Magnetic		Thick Film	Thick Film Chip Resistors, Non-Magnetic, Industrial / High Reliability	Resistors, Fixed	0.25	1206	100	0.5	1	5.6							
					0.35	1505			1	5.6							
					0.50	1010			1	5.6							
					RCWPM (Military M/D55342)			Thick Film	Thick Film Chip Resistors, Military / Established Reliability MIL-PRF-55342 Qualified, Type RM	Resistors, Fixed	0.60	2208	100	1	1	5.6	
											0.80	2010			1	5.6	
											1.00	2512		1	5.6		
											0.04	0302		0.5	1	22 M	
											0.05	0201			10	1 M	
												0502			1	22 M	
											0.05	0402			1	22 M	
												0504			1	22 M	
											0.08	0504			1	22 M	
											0.10	0603			1	22 M	
											0.125	0505			1	22 M	
											0.15	0705			1	22 M	
											0.20	1005			0.5	1	22 M
											0.25	1206				1	22 M
0.35	1505	1	22 M														
0.50	1010	1	22 M														
	1210	1	22 M														
0.60	2208	1	22 M														
0.80	2010	1	22 M														
1.0	2512	1	22 M														
RCWPM (Military M/D55342)		Thick Film	Thick Film Chip Resistors, Military / Established Reliability MIL-PRF-55342 Qualified, Type RM	Resistors, Fixed	0.04	0302	100	0.5	1	22 M							
					0.05	0502			1	22 M							
						0402			1	22 M							








Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					0.10	0603			1	22 M
0.125	0505	1	22 M							
0.15	1505	1	22 M							
	0705	1	22 M							
0.20	1005	1	22 M							
0.225	2208	1	22 M							
0.25	1206	1	22 M							
0.50	1010	1	22 M							
0.80	2010	1	22 M							
1.0	2512	1	22 M							
RCWPM Jumper (Military M32159)		Thick Film	Thick Film Chip Resistors, Zero Ohm Jumper, Military / High Reliability MIL-PRF-32159 Qualified, Type RCZ	Resistors, Fixed	0.035	0302			Zero Ohm Jumper	Zero Ohm Jumper
					0.04	0402			Zero Ohm Jumper	Zero Ohm Jumper
					0.05	0502			Zero Ohm Jumper	Zero Ohm Jumper
					0.07	0603			Zero Ohm Jumper	Zero Ohm Jumper
					0.100	0505			Zero Ohm Jumper	Zero Ohm Jumper
					0.15	1505			Zero Ohm Jumper	Zero Ohm Jumper
						0705			Zero Ohm Jumper	Zero Ohm Jumper
					0.20	1005			Zero Ohm Jumper	Zero Ohm Jumper
					0.225	2208			Zero Ohm Jumper	Zero Ohm Jumper



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					0.25	1206			Zero Ohm Jumper	Zero Ohm Jumper
					0.50	1010			Zero Ohm Jumper	Zero Ohm Jumper
					0.80	2010			Zero Ohm Jumper	Zero Ohm Jumper
					1.0	2512			Zero Ohm Jumper	Zero Ohm Jumper
RPH 100		Thick Film	Power Resistor for Mounting onto a Heatsink Thick Film Technology	Resistors, Fixed	100	100	150	1	92 m	1 M
RPS 250		Thick Film	Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	250	250	150	1	0.24	1 M
RPS 500		Thick Film	Power Resistor for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	500	500	150	1	0.24	1 M
RTO 20		Thick Film	20 W Power Resistor, Thick Film Technology, TO-220	Resistors, Fixed	20	TO-220	150	1	10 m	550 K
RTO 50		Thick Film	50 W Power Resistor, Thick Film Technology, TO-220	Resistors, Fixed	50	TO-220	150	1	10 m	550 K
RTOP		Thick Film	Power Resistors for Mounting Onto a Heatsink Thick Film Technology	Resistors, Fixed	50	SOT-227B	150	5	91 m	1 M
					100				46 m	1 M
					200				46 m	1 M
TCT 0603, TCU 0805, TCA 1206		Thick Film	Trimmable Thick Film Flat Chip Resistors	Resistors, Fixed	0.125	0603	50		10	1 M
					0.200	0805			10	1 M
					0.250	1206	100		10	1 M
TD		Thick Film	Thick Film Planar Dividers, Through-Hole, High Voltage	Resistors, Fixed	0.25	Through hole	100	0.5	300	10 G
					0.5				500	100 G
					1				1 K	1 T
					1.5				1.5 K	1.5 T







Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/°C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					2				3 K	2 T
TR		Thick Film	Thick Film Planar Resistors, Through-Hole, High Voltage	Resistors, Fixed	0.25	Through hole	100	1	300	10 G
					0.5				500	100 G
					1				1 K	1 T
					1.5				1.5 K	1.5 T
					2				2 K	2 T
					3				3 K	3 T









RESISTORS, FIXED - THIN FILM












Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
BCR		Thin Film, Back-Contact Resistor	Resistors, Fixed	0.250	0202	25	0.1	10	1 M
CC1-		Thin Film 0402 Size Resistor on Alumina	Resistors, Fixed	0.040	0402	25	0.05	10	24 K
CC2-		Thin Film 0303 Size Resistor on Alumina	Resistors, Fixed	0.100	0303	10	0.05	25	38 K
CC3-		Thin Film 0505 Size Resistor on Alumina	Resistors, Fixed	0.100	0505	10	0.05	30	125 K
CC4-		Thin Film 0510 Size Resistor on Alumina	Resistors, Fixed	0.175	0510	10	0.05	50	400 K
CC5-		Thin Film 1010 Size Resistor on Alumina	Resistors, Fixed	0.4	1010	10	0.05	50	1 M
CC6-		Thin Film 0304 Size Resistor on Alumina	Resistors, Fixed	0.065	0304	10	0.05	20	59 K
CC8		Thin Film 0202 Size Resistor on Alumina	Resistors, Fixed	0.035	0202	25	0.5	20	20 K
CH, CHA		AEC-Q200 Qualified High Frequency 70 GHz Thin Film Chip Resistor	Resistors, Fixed	0.030	02016	100	1	10	500
				0.050	0402			10	500
				0.125	0603			10	500
CMA 0204		High Pulse Load Carbon Film MINI-MELF Resistors	Resistors, Fixed	0.4	0204		2	10	100 K









Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CMA 0204 HF		Pulse Load Carbon Film MINI-MELF Resistors for High Frequency Applications	Resistors, Fixed	0.4	0204	-250	2	47	300
CMB 0207		High Pulse Load Carbon Film MELF Resistors	Resistors, Fixed	1.0	0207		1	2.2	1.5 M
CNS 020		High Precision (0.01 % / 10 ppm/°C) Through Hole Thin Film Conformal Coating Sil Resistor	Resistors, Fixed	0.5		5	0.01	100	10 M
CS22		Single Value Wirebondable Thin Film Chip Resistors	Resistors, Fixed	0.05	0202	50	0.5	10 K	10 M
CS44		High Value (up to 100 MOhm) Wirebondable 1 mm ² Thin Film Chip Resistors	Resistors, Fixed	0.380	0404	50	0.5	400 K	100 M
DLA Moisture Resistant Chip Resistor		Commercial Thin Film Chip Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	0402	25	0.1	1	10
					0502			1	10
				0.1	0603			1	10
					0.125			0505	1
				0.15				0705	1
					1505			1	10
				0.2	1005			1	10
					0.225			2208	1
				0.25				1206	1
					0.5			1010	1
				0.8				2010	1
1	2512	1	10						
E/H (Military M/D55342)		QPL MIL-PRF-55342 Qualified Thin Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	M55342/01	25	0.1	1	10
					M55342/11			1	10
				0.1	M55342/12			1	10
					0.125			M55342/02	1



Series	Product Image	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
				(W)				Min. (Ω)	Max. (Ω)
				0.15	M55342/04			1	10
					M55342/06			1	10
				0.2	M55342/03			1	10
				0.225	M55342/05			1	10
				0.25	D55342/07			1	10
				0.5	M55342/10			1	10
				0.8	M55342/08			1	10
				1	M55342/09			1	10
E/H (T-Level) (Military M/D55342)		QPL MIL-PRF-55342 Qualified Thin Film Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	M55342X01	25	0.1	1	10
					M55342X11			1	10
				0.1	M55342X12			1	10
				0.125	M55342X02			1	10
				0.15	M55342X04			1	10
					M55342X06			1	10
				0.2	M55342X03			1	10
				0.225	M55342X05			1	10
				0.25	D55342X07			1	10
				0.5	M55342X10			1	10
				0.8	M55342X08			1	10
1	M55342X09	1	10						
FC		High Frequency (Up to 40 GHz) Resistor, Thin Film Surface Mount Chip	Resistors, Fixed	0.05	0402	25	0.1	10	1 K
				0.125	0505			20	1 K
					0603			10	1 K
				0.2	0805			10	1 K
				0.25	1005			10	1 K
0.33	1206	10	1 K						






Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
FCHP		High Frequency 60 GHz High Power 1 W Thin Film Surface Mount Chip Resistor	Resistors, Fixed	1	0402	25	0.1	1	10
IGBR		Thin Film, High Power Back-Contact Resistor	Resistors, Fixed	4	0202	500	5	1.8	25
					0808			1.8	25
L		SMD Wraparound Ultra Low Value Thin Film Resistors	Resistors, Fixed	0.125	0603	50	1	0.1	9.99
				0.2	0805			0.1	9.99
				0.33	1206			0.1	9.99
				0.5	1505			0.1	9.99
				1.0	2010			0.1	9.99
				2.0	2512			0.1	9.99
L-NS		Low Value (0.03 Ohm to 10 Ohm) Thin Film Resistor, Surface Mount Chip	Resistors, Fixed	0.125	0505	300	1	1	10
					0603			1	10
				0.2	0705			1	10
					0805			1	10
				0.25	1005			1	10
				0.33	1206			1	10
					0.4			0508	1
				0.5				0612	1
					1505			1	10
				1	1020			1	10
					2010			1	10
				2	1225			1	10
					2512			1	10
				LCM0207SI				Fusible Carbon Film MELF Resistors	Resistors, Fixed
M25SI		Fusible Thin Film Chip Resistors	Resistors, Fixed	0.250	1206	100	2	5	3.9 K







Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MBA/SMA 0204 HF		High Frequency Thin Film Leaded Resistors	Resistors, Fixed						
MC ATAU - Precision		Precision Gold Terminated Thin Film Chip Resistors for Conductive Gluing	Resistors, Fixed	0.100	0402	15	0.1	100	47 K
				0.125	0603			100	100 K
MCS 0402 AT, MCT 0603 AT, MCU 0805 AT, MCA 1206 AT - Precision		Precision Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	10	0.1	47	1 M
				0.125	0603			5	47
				0.200	0805	10		47	7.5 M
				0.400	1206			47	10 M
MCS 0402 AT, MCT 0603 AT, MCU 0805 AT, MCA 1206 AT - Professional		Professional Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	25	0.5	1	221 K
				0.150	0603			1	511 K
				0.200	0805			1	1 M
				0.400	1206			1	1 M
MCS 0402 HP, MCT 0603 HP, MCU 0805 HP		High Power Thin Film Chip Resistors	Resistors, Fixed	0.200	0402	25	0.1	47	100 K
				0.250	0603			1	100 K
				0.400	0805			1	100 K
MCS 0402 VG01, MCT 0603 VG01, MCU 0805 VG01, MCA 1206 VG01		Thin Film Chip Resistors With Established Reliability	Resistors, Fixed	0.063	0402	15	0.1	10	1 M
				0.1	0603			1	1 M
				0.125	0805			1	1 M
				0.25	1206			1	1 M
MCS 0402, MCT 0603, MCU 0805, MCA 1206 - Precision		Precision Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	10	0.1	100	221 K
				0.100	0603			39	511 K
				0.125	0805			39	1.5 M
				0.250	1206			39	2 M
MCS 0402, MCT 0603, MCU 0805, MCA 1206 - Professional		Professional Thin Film Chip Resistors	Resistors, Fixed	0.100	0402	25	0.5	10	4.99 M
				0.125	0603			1	10 M
				0.200	0805			1	10 M





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)	
				0.400	1206			1	2 M	
MCW 0406 AT - Precision		Precision Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.25	0406	15	0.1	1	100 K	
MCW 0406 AT, MCW 0612 AT - Professional		Professional Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.3	0406	25	0.5	1	100 K	
				1.0	0612			1	100 K	
MIB		Thin Film Microwave Resistor	Resistors, Fixed	0.025	0201	100	5	20	100	
MIC		Thin Film Microwave Resistor	Resistors, Fixed	0.125	0402	25	1	2	20 K	
MID		Thin Film Microwave Resistor	Resistors, Fixed	0.200	0505	25	1	2	100 K	
MIF		Thin Film Microwave Resistor	Resistors, Fixed	0.050	02016	100	1	20	100	
MMA 0204 HT Professional		Professional High Temperature Thin Film MELF Resistors	Resistors, Fixed	0.5	0204	25	0.5	47	100 K	
MMA 0204 HV, MMB 0207 HV - Professional		Professional High Voltage Thin Film MELF Resistors	Resistors, Fixed	0.4	0204	50	1	340 K	10 M	
				1.0	0207			340 K	10 M	
MMU 0102 HF, MMA 0204 HF, MMB 0207 HF		High Frequency Thin Film MELF Resistors	Resistors, Fixed	0.3	0102	50	2	6.8	470	
				0.4	0204			1	1.5	475
				1.0	0207			2	6.8	470
MMU 0102 VG03, MMA 0204 VG03, MMB 0207 VG03		Thin Film MELF Resistors With Established Reliability	Resistors, Fixed	0.2	0102	15	0.1	100	2.21 M	
				0.25	0204			1	5.11 M	
				0.4	0207			1	10 M	
MMU 0102, MMA 0204, MMB 0207 - Precision		Precision Thin Film MELF Resistors	Resistors, Fixed	0.2	0102	15	0.1	22	332 K	
				0.25	0204			10	511 K	





Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
MMU 0102, MMA 0204, MMB 0207 - Professional		Professional Thin Film MELF Resistors	Resistors, Fixed	0.4	0207	25	0.5	15	1 M
				0.3	0102			0.22	2.21 M
				0.4	0204			0.22	10 M
				1.0	0207			0.1	15 M
MPR24		High Precision Thin Film Leaded Resistors	Resistors, Fixed						
MRS16, MRS25		Professional Thin Film Leaded Resistors	Resistors, Fixed	0.4	0204	50	1	4.99	1 M
				0.6	0207			1	10 M
MS1 EN803 E8		Lead (Pb)-Bearing Thin Film MINI-MELF Resistors With Established Reliability	Resistors, Fixed	0.25	0204	15	0.1	1	2.21 M
MS1 ESCC		Hi-Rel Thin Film MINI-MELF Resistors	Resistors, Fixed	0.25	0204	15	0.1	2.21	5.11 M
MSFM		Thin Film, Top-Contact Miniature Resistor	Resistors, Fixed	0.125	0101	25	0.1	2.5	400 K
NCW 0406 AT, NCW 0612 AT		Low Ohmic Wide Terminal Thin Film Chip Resistors	Resistors, Fixed	0.3	0406	50		0.33	0.91
				1	0612			0.10	0.91
P		High Precision Wraparound - Wide Ohmic Value Range Thin Film Chip Resistors, Sulfur Resistant	Resistors, Fixed	0.030	0302	5	0.01	10	420 K
				0.040				0402	10
				0.050	0505			10	1 M
				0.063	0402			10	4 M
				0.100	0603			10	1 M
				0.125	0505			10	3.2 M
					0603			10	4 M
					0805			10	3.2 M
					1005			10	8 M
				0.175	1505			10	7.5 M
		10	13.8 M						

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.200	0805			10	8 M
				0.250	1005	10	7.5 M		
					1206	10	22 M		
				0.330	1505	10	22 M		
						10	13.8 M		
				0.500	2010	10	62 M		
						10	62 M		
				1	2512	10	86 M		
						10	86 M		
P-NS		Commercial Thin Film Resistor, Surface-Mount Chip	Resistors, Fixed	10	0.02	0.05	0402	1	10
						0.1	0502	1	10
						0.15	0505	1	10
							0603	1	10
						0.25	0705	1	10
							0805	1	10
						0.4	1005	1	10
							1206	1	10
						0.5	1505	1	10
							1010	1	10
						0.8	2208	1	10
							2010	1	10
1	2512	1	10						
P2TC		High Precision Wraparound - ± 2 ppm/°C TCR Thin Film Chip Resistors	Resistors, Fixed	0.01	0.040	0402	100	35 K	
					0.063		100	35 K	
					0.100	0603	100	128 K	
					0.125		100	128 K	













Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
PAT		Precision Automotive Thin Film Chip Resistors, AEC-Q200 Qualified, Hi-Rel COTS	Resistors, Fixed	0.05	0402	25	0.1	1	10
				0.15	0603			1	10
				0.2	0805			1	10
				0.4	1206			1	10
					1505			1	10
				0.75	2208			1	10
				0.8	2010			1	10
1	2512	1	10						
PATT		Precision Automotive High Temperature (155 °C at Full Rated Power) Thin Film Chip Resistor, AEC-Q200 Qualified	Resistors, Fixed	0.05	0402	25	0.1	1.5	51 K
				0.15	0603			2.75	120 K
				0.2	0805			2.75	301 K
				0.4	1206			1.0	1 M
PCAN		High Power Aluminum Nitride, Wraparound Surface Mount, Precision Thin Film Chip Resistor (Up to 6 W)	Resistors, Fixed	0.5	0603	25	0.1	2	30.1 K
				1	0805			2	30.1 K
				2	1206			2	30.1 K
				6	2512			2	30.1 K
PCNM		High Power Aluminum Nitride, Wraparound Surface Mount, Precision Thin Film Non-Magnetic Chip Resistor (Up to 6 W)	Resistors, Fixed	2	1206	25	0.1	1	10
				6	2512			1	10
PEP		High Precision Wraparound - Power Enhanced Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	5	0.05	39	50 K
				0.125				39	50 K










Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
		ESCC 4001/023 Qualified R Failure Rate High Precision (10 ppm/°C, 0.05 %) Thin Film Chip Resistors	Resistors, Fixed	0.200	0603	10	0.05	39	108 K
				0.320	0805			39	240 K
				0.330	0603			39	108 K
				0.500	1206			39	900 K
				0.660	0805			39	240 K
				0.660	1206			39	900 K
PFRR		ESCC 4001/023 Qualified R Failure Rate High Precision (10 ppm/°C, 0.05 %) Thin Film Chip Resistors	Resistors, Fixed	0.05	0402	10	0.05	100	150 K
				0.1	0603			100	500 K
				0.125	0805			100	750 K
				0.25	1206			100	3.5 M
				0.50	2010			100	6 M
PHP		High Power Thin Film Wraparound Chip Resistor	Resistors, Fixed	0.375	0603	25	0.1	10	30.1 K
				0.625	0805			10	30.1 K
				1	1206			10	30.1 K
				2.5	2512			10	30.1 K
PHPA		High Power Thin Film Wraparound Chip Resistor AEC-Q200 Qualified	Resistors, Fixed	1	1206	25	0.1	1	10
				2.5	2512			1	10
PHR		ESCC 4001/023 Qualified High Precision (5 ppm, 0.01 %), Thin Film Chip Resistors	Resistors, Fixed	0.05	0402	5	0.01	10	150 K
				0.1	0603			10	500 K
				0.125	0805			10	750 K
				0.25	1206			10	3.5 M
				0.50	2010			10	6 M
PHT		High Stability - High Temperature (230 °C) Thin Film Wraparound Chip Resistors, Sulfur Resistant	Resistors, Fixed	0.0189	0402	10	0.05	10	130 K
				0.0375	0603			10	320 K
				0.06	0805			10	720 K
				0.1	1206			10	2.7 M



Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.2	2010			10	7.5 M
PLT		Precision Low TCR Thin Film Resistor, Surface Mount Chip, ± 5 ppm/°C TCR, 0.01 % Tolerance	Resistors, Fixed	0.15	0603	5	0.01	100	130 K
				0.25	0805			100	260 K
				0.4	1206			100	775 K
				0.8	2010			150	2 M
				1	2512			200	3 M
PLTT		Precision Low TCR High Temperature Thin Film Resistor, Surface Mount Chip, ± 5 ppm/°C TCR, 0.02 % Tolerance	Resistors, Fixed	0.15	0603	5	0.02	75	130 K
				0.25	0805			250	260 K
				0.4	1206			500	775 K
				0.8	2010			500	2 M
				1	2512			500	3 M
PLTU		Ultra Precision Low TCR Thin Film Resistor, Surface Mount Chip, ± 2 ppm/°C TCR, 0.01 % Tolerance	Resistors, Fixed	0.15	0603	2	0.01	100	130 K
				0.25	0805			100	260 K
				0.4	1206			100	775 K
				0.8	2010			150	2 M
				1	2512			200	3 M
PNM		Precision Thin Film Non-Magnetic Resistor, Surface Mount Chip, ± 25 ppm/°C, Tolerances to 0.1 %	Resistors, Fixed	0.05	0402	25	0.1	20	35 K
				0.1	0502			20	65 K
				0.15	0505			20	130 K
					0603			10	130 K
				0.2	0805			10	301 K
					0705			10	301 K
				0.25	1005			10	301 K
				0.4	1206			10	1 M
					1505			10	1 M
0.5	1010	50	600 K						

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.75	2208			10	1.75 M
				0.8	2010			10	2 M
				1	2512			10	3 M
PTN		Commercial Thin Film Chip Resistor, Surface-Mount Chip	Resistors, Fixed	0.05	0402	10	0.05	1.5	51.1 K
				0.1	0502			1.5	65 K
				0.15	0505			10	130 K
					0603			1.5	130 K
				0.2	0705			1.0	310 K
					0805			1.0	310 K
				0.25	1005			1.5	360 K
				0.4	1206			1.5	1 M
					1505			1.25	1 M
				0.5	1010			1.0	600 K
				0.75	2208			2.0	1.75 M
0.8	2010	1.0	2 M						
2	2512	1.5	3 M						
PVHT		High Stability - Very High Temperature (270 °C) Thin Film Wraparound Chip Resistors, Sulfur Resistant	Resistors, Fixed	0.031	0402	5	0.05	39	45 K
				0.062	0603			39	108 K
				0.100	0805			39	240 K
				0.165	1206			39	900 K
				0.2	2010			39	2.5 M
PWA		Thin Film Power Resistors	Resistors, Fixed	0.5	0503	25	0.1	0.3	1 M
PWB		Thin Film Power Resistors	Resistors, Fixed	1	0707	50	0.5	0.3	20 K




Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
PZHT		High Temperature (230 °C) Zero Ohm Jumper SMD Thin Film Chip Resistor (Strap)	Resistors, Fixed	0.002	02016			Zero Ohm Jumper	20 m
				0.004	0402			Zero Ohm Jumper	20 m
				0.008	0603			Zero Ohm Jumper	20 m
				0.015	0805			Zero Ohm Jumper	20 m
				0.025	1206			Zero Ohm Jumper	25 m
				0.08	2010			Zero Ohm Jumper	25 m
				0.1	2512			Zero Ohm Jumper	25 m
PZR		0 Ohm SMD Thin Film Chip Resistor (Strap)	Resistors, Fixed	0.02	02016			20 m	20 m
				0.04	0402			20 m	20 m
				0.08	0603			20 m	20 m
				0.15	0805			20 m	20 m
				0.25	1206			25 m	25 m
				0.8	2010			25 m	25 m
				1	2512			25 m	25 m
QFM		Thin Film, Top-Contact Resistor	Resistors, Fixed	0.025	0202	25	0.1	1	1 M
QFN		NiCr Thin Film, Top-Contact Resistor	Resistors, Fixed	0.025	0202	25	0.1	1	510 K
QFX		Thin Film, Top-Contact Megohm Resistor	Resistors, Fixed	0.020	0505	50	0.1	500 K	10 M

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RMK 22N		Wirebondable High Precision Single Value Thin Film Chip Resistors	Resistors, Fixed	0.05	0202	5	0.01	50	300 K
RMK 55N, RMK 515N		Wirebondable High Precision Single Value Thin Film Chip Resistors	Resistors, Fixed	0.125	0505	5	0.01	1 K	2.5 M
				0.250	1505			1 K	2 M
RSK 22N		Precision Wirebondable Single Value Thin Film Chip Resistor	Resistors, Fixed	0.05	0202	25	0.1	10	500 K
RV		High Precision Wraparound Thin Film Chip Resistors	Resistors, Fixed	0.125	0505	10	0.1	100	260 K
					0603			100	260 K
				0.200	0805			100	300 K
				0.330	1206			100	1 M
SC3-		NiCr Thin Film, Top-Contact Resistor	Resistors, Fixed	0.400	0505	25	0.1	100	50 K
SFC		Thin Film 0202 Size Resistor on Alumina	Resistors, Fixed	0.062	0202	50	1	10	10 K
SFM		Thin Film Top-Contact Resistor	Resistors, Fixed	0.250	0202	25	0.1	1	1 M
SFN		NiCr Thin Film, Top-Contact Resistor	Resistors, Fixed	0.125	0202	10	0.1	20	510 K
SFP		Thin Film Top-Contact Resistor with Part Mark	Resistors, Fixed	0.250	0202	25	0.1	1	1 M
SFX		Thin Film, Top-Contact Megohm Resistor	Resistors, Fixed	0.020	0404	50	0.1	360 K	30 M
SMM0102		Thin Film Micro-MELF Resistors	Resistors, Fixed	0.200	0102	15	0.1	10	2.21 M
								Zero Ohm Jumper	Zero Ohm Jumper
SMM0204 EN803 E8		MINI-MELF Resistors with Established Reliability	Resistors, Fixed				1		


Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
SMM0204		Thin Film Mini-MELF Resistors	Resistors, Fixed	0.4	0204	15	0.1	0.22	10 M
SMM0207		Thin Film MELF Resistors	Resistors, Fixed	1.0	0207	15	0.1	0.16	10 M
								Zero Ohm Jumper	Zero Ohm Jumper
TA22		Single Value Wirebondable Thin Film Chip Resistors	Resistors, Fixed	0.05	0202	50	0.5	10	1 M
TMR		Thin Film Tapped Microwave Resistor	Resistors, Fixed	0.125	0206	100	10	100	430
TNPS ESCC		Hi-Rel Thin Film Chip Resistors	Resistors, Fixed	0.1	0603	15	0.1	10	221 K
				0.125	0805			10	422 K
				0.25	1206			10	1 M
TNPV e3		Ultra Precision Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	2	0.02	100	100 K
				0.1	0603			100	100 K
				0.125	0805			100	332 K
				0.25	1206			100	511 K
TNPV e3		High Voltage Thin Film Flat Chip Resistors	Resistors, Fixed	0.20	0805	10	0.1	180 K	1 M
				0.25	1206			160 K	2 M
				0.33	1210			121 K	3.01 M
TNPW		Lead (Pb)-Bearing High Stability Thin Film Chip Resistors	Resistors, Fixed	0.063	0402	10	0.1	10	100 K
				0.1	0603			10	332 K
				0.125	0805			10	1 M
				0.25	1206			10	2 M
				0.33	1210			10	3.01 M
TNPW e3		High Stability Thin Film Flat Chip Resistors	Resistors, Fixed	0.075	0201	10	0.1	22	40 K
				0.100	0402			10	100 K
				0.125	0603			1	332 K

Series	Product Image	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
				0.200	0805			1	1 M
				0.400	1206			1	2 M
				0.500	1210			10	3.01 M
TSFM		Thin Film Top-Contact Resistor for High Temperature Applications	Resistors, Fixed	250	0202	25	0.1	100	100 K
UMA 0204, UMB 0207		Ultra Precision Thin Film MELF Resistors	Resistors, Fixed	0.25	0204	5	0.02	22	332 K
				0.4	0207			100	390 K








RESISTORS, FIXED - WIREWOUND






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
AC, AC-AT		Wirewound	Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	See datasheet	5	0.10	2.4 K
					1				0.10	2.4 K
					2.5				0.10	5.1 K
					3				0.10	5.1 K
					3.5				0.10	6.8 K
					4				0.10	6.8 K
					4.7				0.10	10 K
					5				0.10	10 K
					5.8				0.10	15 K
					7				0.10	15 K
					8.4				0.22	27 K
					10				0.22	27 K
AC01-CS, AC03-CS, AC05-CS		Wirewound	Axial Cemented Fusible Leaded Wirewound Safety Resistors	Resistors, Fixed	1	n/a	200	5	3	100
					1.1				3	100
					2.5				4.7	100
					3				4.7	100
					4.5				10	100
					5				10	100
AH		Wirewound	Wirewound Resistors, Commercial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	45	n/a	100	5	0.1	50 K
					50				0.1	100 K
					55				0.1	100 K
					60				0.1	65 K
					75				0.1	80 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					100				0.1	100 K
150	0.1	100 K								
200	0.1	50 K								
250	0.1	65 K								
300	0.1	80 K								
ALSR, ALVR		Wirewound	Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	1	n/a	See datasheet	1	0.10	6.37 K
					3				0.10	12 K
					4				0.10	40.3 K
					5				0.10	58.5 K
					7				0.10	92 K
					10				0.10	92 K
ASE		Wirewound	Wirewound Resistors, Industrial Power, Silicone Coated, Adjustable Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
					90				0.1	5.7
					100				0.15	6.1
					110				0.2	7.4
					120				0.1	8.6
					140				80 m	9.0
					155				0.1	12.5
					165				0.35	13.0
					180				0.35	13.0
					240				0.1	18
					300				0.15	25
					375				0.2	32
					420				0.25	35.8
					500				0.3	46.2
750	0.35	81.3								





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					1000				0.4	101.6
					1500			0.45	135.5	
AST		Wirewound	Wirewound Resistors, Industrial Power, Silicone Coated, Adjustable Tubular	Resistors, Fixed	12	n/a	260	5	1	10.6 K
					15				0.1	60 K
					20				1	18 K
					25				1	26 K
					30				1	30 K
					50				1	54 K
					60				1	75 K
					70				1	84.3 K
					75				1	85.5 K
					80				1	111 K
					90				1	114 K
					100				1	131 K
					130				1	192 K
					175				1	398 K
					225				1	337 K
AVE		Wirewound	Wirewound Resistors, Industrial Power, Vitreous Coated, Adjustable Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
					90				0.1	5.7
					100				0.15	6.1
					110				0.2	7.4
					120				0.1	8.6
					140				80 m	9.0
					155				0.1	12.5
					165				0.35	13.0
					240				0.1	18

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					300					0.15
					375				0.2	32
					420				0.25	35.8
AVT		Wirewound	Wirewound Resistors, Industrial Power, Vitreous Coated, Adjustable Tubular	Resistors, Fixed	12	n/a	260	5	0.1	10.6 K
					15				0.1	60 K
					20				1	18 K
					25				0.1	26 K
					30				0.1	30 K
					50				0.1	54 K
					60				0.1	75 K
					70				0.1	84.3 K
					75				0.1	85.5 K
					90				0.1	190 K
					100				0.1	131 K
					130				0.1	192 K
					175				0.1	398 K
					225				0.1	337 K
BSI		Wirewound	Molded and Insulated Wirewound Power Resistors Axial Leads	Resistors, Fixed	1	058	100	0.5	0.1	2 K
					2	063			25 m	4 K
					3	068			10 m	15 K
					4	516			10 m	20 K
					5	523			15 m	40 K
					6	923			20 m	60 K
					8	932			35 m	100 K
					10	947			60 m	150 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
C38T, C42T, C52T, C52T Li, C64T		Wirewound	Reinforced Winding Wirewound Power Resistor	Resistors, Fixed	270			5	1.0	27 K
					480				1.0	56 K
					900				0.33	100 K
					1200				15	100
CA High Volume		Wirewound	Wirewound Resistors, Commercial Power, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	5	0.1	1 K
					2.0				0.1	1 K
CMS		Wirewound	Wirewound Resistors, Commercial Power, Silicone Coated, Capacitor Mount	Resistors, Fixed	16	n/a	See datasheet	5	1.0	59 K
					20				1.0	95 K
					22				1.0	105 K
CMV		Wirewound	Wirewound Resistors, Commercial Power, Vitreous Coated, Capacitor Mount	Resistors, Fixed	16	n/a	See datasheet	5	1.0	59 K
					20				1.0	95 K
					22				1.0	105 K
CP High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Axial Lead	Resistors, Fixed	2	n/a	400	5	0.1	30 K
					3				0.1	33 K
					5				0.1	50 K
					7				0.1	50 K
					10				0.1	50 K
					15				0.1	50 K
					20				0.1	50 K
CPCC, CPCF High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Vertical Mount	Resistors, Fixed	2	n/a	400	5	0.1	50 K
					3				0.1	50 K
					5				0.1	50 K
					7				0.1	50 K
					10				0.1	100
CPCP, CPCF		Wirewound	Wirewound / Metal Film Resistors, Commercial Power, Vertical Mount	Resistors, Fixed	2	n/a	20	1	0.1	150 K
					3				0.1	150 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CPR High Volume		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Radial Terminals	Resistors, Fixed	5	n/a	400	5	0.1	150 K
					10				0.1	8 K
					3				0.1	100
					5				0.1	33 K
					10				0.5	10 K
CPSM		Wirewound/Metal Oxide	Wirewound/Metal Oxide Resistors, Commercial Power, Surface Mount	Resistors, Fixed	15	n/a	400	5	1	10 K
					20				1	10 K
					3				0.1	100
					5				0.1	33 K
					2				0.1	7 K
CPW, CPWN		Wirewound	Wirewound Resistors, Commercial Power, Axial Lead	Resistors, Fixed	3	n/a	30	1	0.1	7.5 K
					5				0.1	8.5 K
					7				0.1	18 K
					10				0.12	30 K
					15				0.12	30 K
					20				0.18	45 K
					300				0.25	37 K
CW - High Energy		Wirewound	Wirewound Resistors, High Energy, Silicone Coated, Axial Lead	Resistors, Fixed	3.0	n/a	See datasheet	5	1.5	87.5
					3.75				1.5	87.5
					5.0				5.5	343.6
					6.5				5.5	343.6
					10.0				15.0	938.0
					13.0				15.0	938.0
CW - High Surge		Wirewound	Wirewound Resistors, High Surge Immunity, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	5	0.1	6.37 K
					3.0				0.1	15 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
CW		Wirewound	Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	3.75	n/a	See datasheet	5	0.1	15 K
					5.0				0.1	58.5 K
					6.5				0.1	58.5 K
					10.0				0.1	167 K
					13.0				0.1	167 K
					0.5				0.1	1.77 K
					1.0				0.1	6.37 K
					2.5				0.1	19.9 K
					3.0				0.1	15 K
					3.25				0.1	19.9 K
					3.75				0.1	15 K
					4.0				0.1	40.3 K
					5.0				0.1	58.5 K
					5.5				0.1	28.7 K
					6.0				0.1	
					6.5				0.1	58.5 K
					7.0				0.1	95.2 K
9.0	0.1	95.2 K								
10.0	0.1	167 K								
13.0	0.1	167 K								
DCRF		Wirewound	Direct Water Cooled Wirewound Resistor	Resistors, Fixed	1500			5	0.56	4.7
					3000				1	9.1
					4500				1.5	15
					6000				2	20
					7500				2.4	24
					9000				3	27





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
EDGF, EDGA		Wirewound	Edgewound Power Resistor	Resistors, Fixed	400			10	53 m	1.230
					600				84 m	1.930
					800				0.115	2.640
					1000				0.146	3.350
					1200				0.176	4.040
					1400				0.200	4.730
					1600				0.237	5.440
EDGS		Wirewound	Stud Mount Edgewound Power Resistor (EDGS), Wirewound Resistors, Industrial Power	Resistors, Fixed	400			10	53 m	1.23
					600				84 m	1.93
					800				0.115	2.64
					1000				0.146	3.35
					1200				0.176	4.04
					1400				0.200	4.73
					1600				0.237	5.44
EDGU		Wirewound	Universal Edgewound Power Resistor (EDGU), Wirewound Resistors, Industrial Power	Resistors, Fixed	400			10	53 m	1.23
					600				84 m	1.93
					800				0.115	2.64
					1000				0.146	3.35
					1200				0.176	4.04
					1400				0.200	4.73
					1600				0.237	5.44
FA		Wirewound	Wirewound Resistor, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.75	n/a	30	0.1	0.1	1.5 K
					1.0				0.1	5 K
					1.5				0.1	5 K
					2.0				0.1	7.2 K
					2.6				0.1	7.2 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					3.0				0.1	11 K
					3.6				0.1	9.5 K
					3.7				0.1	11 K
					4.0				0.1	24 K
					5.0				0.1	42 K
					6.5				0.1	42 K
					7.0				0.1	80 K
					8.0				0.1	80 K
					10.0				0.1	100 K
					11.0				0.1	92 K
					12.5				0.1	100 K
					FDG, FDK, FDP					Wirewound
3.5	0.10	10 K								
5.5	0.10	39 K								
6.5	0.10	39 K								
10	0.15	68 K								
11.5	0.15	68 K								
FS		Wirewound	Wirewound Resistors, Industrial Power, Silicone Coated, Printed Circuit Board Mount	Resistors, Fixed	3	n/a	260	5	0.1	6 K
					5				0.1	15 K
					7				0.1	17.5 K
					8				0.1	20.5 K
					10				0.1	29 K
					12				0.1	58 K
					20				0.1	95 K
FSE		Wirewound	Wirewound Resistors, Industrial Power, Silicone Coated, Fixed Edgewound	Resistors, Fixed	50	n/a	260	5	1	3.8
					90				0.1	5.7




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					100				0.15	6.1
110	0.2	7.4								
120	0.1	8.6								
140	80 m	9.0								
155	0.1	12.5								
165	0.35	13.0								
240	0.1	18								
300	0.15	25								
375	0.2	32								
420	0.25	35.8								
500	0.3	46.2								
750	0.35	81.3								
1000	0.4	101.6								
1500	0.25	135.5								
FSOT, FSOT...XX Flat		Wirewound	Wirewound Resistors, Industrial Power, Flat	Resistors, Fixed	10	n/a	30	5	0.1	15 K
					15				0.1	26 K
					20				0.1	71 K
					30				0.1	11 K
					40				0.1	26 K
					55				0.1	54 K
					70				0.1	77 K
					95				0.1	99.9 K
FST		Wirewound	Wirewound Resistor, Industrial Power, Silicone Coated, Fixed Tubular	Resistors, Fixed	5	n/a	260	5	0.1	20.5 K
					12				0.1	58 K
					15				0.1	60 K
					20				0.1	95 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					25				0.1	115 K
					30				0.1	56 K
					50				0.1	112 K
					60				0.1	145 K
					70				0.1	170 K
					75				0.1	276 K
					80				0.1	190 K
					90				0.1	238 K
					100				0.1	260 K
					130				0.1	380 K
					175				0.1	500 K
					225				0.1	645 K
					FSTL, FSTS, FSWL					Wirewound
5.25	0.1	15 K								
8	0.1	20.5 K								
10	0.1	29 K								
12	0.1	58 K								
15	0.1	60 K								
20	0.1	95 K								
FVE		Wirewound	Wirewound Resistors, Industrial Power, Vitreous Coated, Fixed Edgewound Tubular	Resistors, Fixed	50	n/a	260	5	1	3.8
					90				0.1	5.7
					100				0.15	6.1
					110				0.2	7.4
					120				0.1	8.6
					140				80 m	9.0
					155				0.1	12.5





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					165				0.35	13.0
					240				0.1	18
					300				0.15	25
					375				0.2	32
					420				0.25	35.8
					500				0.3	46.2
					10				0.1	15 K
FVOT		Wirewound	Wirewound Resistor, Industrial Power, Vitreous Coated, Miniature Flat	Resistors, Fixed	15	n/a	260	5	0.1	26 K
					20				0.1	71 K
					5				0.1	20.5 K
FVT		Wirewound	Wirewound Resistor, Industrial Power, Vitreous Coated, Fixed Tubular	Resistors, Fixed	12	n/a	260	5	0.1	58 K
					15				0.1	60 K
					20				0.1	95 K
					25				0.1	115 K
					30				0.1	56 K
					50				0.1	112 K
					60				0.1	145 K
					70				0.1	170 K
					75				0.1	276 K
					80				0.1	190 K
					90				0.1	238 K
					100				0.1	260 K
					130				0.1	380 K
					175				0.1	500 K
					225				0.1	645 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
FVTL, FVTS, FVWL		Wirewound	Wirewound Resistor, Industrial Power, Vitreous Coated, Tubular	Resistors, Fixed	5	n/a	260	5	0.1	20.5 K
					5.25				0.1	15 K
					8				0.1	20.5 K
					10				0.1	29 K
					12				0.1	58 K
					15				0.1	60 K
					20				0.1	95 K
G, GN		Wirewound	Wirewound Resistors, Miniature, Industrial, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	20	0.05	0.1	3.4 K
					1.5				0.1	4.9 K
					2.0				0.1	10.4 K
					4.0				0.1	24.5 K
					5.0				0.1	32.3 K
					7.0				0.1	95.2 K
					10.0				0.1	95.2 K
G200		Wirewound	Axial Vitreous Leaded Wirewound Resistors	Resistors, Fixed	4	0414	100	2	0.10	10 K
					7	0719			0.10	39 K
					13	0933			0.15	68 K
					17	0947			0.20	120 K
GBS, GBS E		Wirewound	Vitreous Wirewound Resistors with Corrugated Ribbon	Resistors, Fixed	50	n/a	See datasheet	5	0.13	12
					80				0.13	12
					90				0.10	12
					100				0.27	22
					120				0.15	16
					150				0.10	24
					160				0.27	22
					180				0.10	22





Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					200				0.15	27
250	0.20	36								
300	0.10	27								
350	0.39	56								
375	0.30	36								
450	0.39	56								
550	0.75	75								
700	0.91	75								
750	0.75	75								
1000	0.91	75								
GWK, GWK Ni		Wirewound	Vitreous Wirewound Resistors with Ferrules	Resistors, Fixed	7	n/a	100	2	2.4	1 K
					10				1.8	16 K
					13				4.7	1.8 K
					20				2.2	27.8 K
					25				13	5.1 K
					30				3.3	43 K
					40				6.2	82 K
					50				27	10 K
					60				36	15 K
					80				8.2	82 K
					100				12	110 K
					160				20	180 K
					180				100	43 K
					260				36	330 K
GWS, GWS E, GWS Ni		Wirewound	Vitreous Wirewound Resistors with Lugs	Resistors, Fixed	10	n/a	100	2	4.3	910
					15	8 x 45			4.3	20 K




Series	Product Image	Technology	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance						
					(W)				(Ω)	Max. (Ω)						
					18	n/a			5.1	1.8 K						
					20	10 x 50			3.6	30 K						
					22	n/a			6.8	2.4 K						
					25	13 x 55			3.6	39 K						
					30	13 x 62			5.1	47 K						
					40	16 x 63			3.3	62 K						
					45	n/a			18	6.2 K						
					60				13	6.8 K						
					65	16 x 100			7.5	130 K						
					80	24 x 100			6.8	110 K						
					110	n/a			22	8.2 K						
					120				30	16 K						
					130				36	13 K						
												150	34 x 100		9.1	100 K
												160	24 x 165		13	160 K
												200	34 x 133		13	160 K
												300	24 x 265		24	300 K
					500	34 x 330		39	270 K							
HPR		Wirewound	High Pulse Wirewound Resistor, Noise Suppressor	Resistors, Fixed	0.50	n/a	See datasheet	10	1 K	5 K						
					1				1 K	5 K						
					2				1 K	5 K						
HRHA		Wirewound	Charging Resistor for EV Hybrid Wirewound Technology	Resistors, Fixed	54			5	1	1 K						
					90				1	1 K						
LVR		Wirewound	Wirewound Resistors, Precision Power, Low Value, Commercial, Axial Lead	Resistors, Fixed	1	n/a	See datasheet	1	10 m							
					3				5 m	0.2						
					5				5 m	0.3						


Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					10				10 m	
M49465 Military, RLV		Wirewound	Wirewound Resistors, Precision Power, Low Value, Military, MIL-PRF-49465 Qualified, Type RLV, Axial Lead	Resistors, Fixed	3	n/a	50	1	10 m	0.2
					5				10 m	0.5
MCR		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Metal Case, MCRL	Resistors, Fixed	20			5	1.1	2.75 K
					40				0.2	22 K
					45				1.1	2.75 K
					50				0.2	66 K
					65				0.25	76 K
					70				0.2	22 K
					100				0.2	66 K
					125				0.25	76 K
MR100 Series		Wirewound	Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.120	n/a	10	0.005	1	400 K
					0.150				1	500 K
					0.175				1	750 K
					0.200				1	1 M
					0.250				1	1.2 M
					0.330				1	2.5 M
					0.400				1	3.8 M
					0.500				1	3.8 M
					0.750				1	6 M
					1.000				1	6 M
					1.500				1	6 M
					2.000				1	6 M
MR300 Series		Wirewound	Wirewound Resistor, Ultra Precision, High Stability, Epoxy Molded, Axial Lead	Resistors, Fixed	0.120	n/a	10	0.005	1	400 K
					0.150				1	500 K
					0.175				1	750 K


Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					0.200			1	1 M	
0.250	1	1.2 M								
0.330	1	2.5 M								
0.400	1	3.8 M								
0.500	1	3.8 M								
0.750	1	6 M								
1.000	1	6 M								
1.500	1	6 M								
2.000	1	6 M								
MR500 Series		Wirewound	Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.06	n/a	10	0.005	1	75 K
					0.08				1	150 K
					0.10				1	250 K
MR600 Series		Wirewound	Wirewound Resistor, Ultra Precision, Epoxy Molded, Radial Lead	Resistors, Fixed	0.125	n/a	10	0.005	1	500 K
					0.250				1	600 K
					0.400				1	800 K
					0.500				1	1 M
MR700 Series		Wirewound	Wirewound Resistor, Ultra Precision, Epoxy Molded, Radial Lead	Resistors, Fixed	0.125	n/a	10	0.005	1	500 K
					0.300				1	500 K
					0.500				1	1 M
MR93 Series		Wirewound	Wirewound Resistor, Ultra Precision, Epoxy Molded, Axial Lead	Resistors, Fixed	0.200	n/a	10	0.005	1	1 M
					0.250				1	1.2 M
					0.330				1	2.5 M
					0.500				1	3.8 M
					0.750				1	6 M
					1.000				1	6 M
					1.500				1	6 M

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					2.000				1	6 M
MRA		Wirewound	Wirewound Resistors, Non-Magnetic, Non-Inductive, Axial Lead	Resistors, Fixed	4.0	n/a	See datasheet	1	10 m	15 K
					5.0				10 m	15 K
					7.0				50 m	35 K
					10.0				50 m	85 K
					12.0				50 m	85 K
MRB		Wirewound	Wirewound Resistors, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	See datasheet	0.5	85 m	5 K
					1.5				50 m	6.85 K
					2.2				50 m	6.85 K
					2.25				50 m	10.4 K
					3.0				50 m	10.4 K
					4.0				15 m	24.5 K
					5.0				15 m	32.3 K
					6.0				20 m	32.3 K
					7.0				30 m	90.9 K
					10.0				30 m	144.9 K
					12.0				40 m	144.9 K
MRP		Wirewound	Wirewound Resistor, Commercial Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.25	n/a	30	0.25	0.1	3.4 K
					0.5				0.1	5 K
					0.75				0.1	6.85 K
					1.0				0.1	10.4 K
					1.2				0.1	10.4 K
					1.5				0.1	10.5 K
					2.25				0.1	18.74 K
					2.5				0.1	32.3 K
					3.0				0.1	24.5 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					3.25				0.1	32.3 K
					3.5				0.1	47.1 K
					3.75				0.1	24.5 K
					4.0				0.1	48 K
					4.25				0.1	47.1 K
					5.0				0.1	90.9 K
					5.5				0.1	89.8 K
					6.5				0.1	90.9 K
					7.0				0.1	144.9 K
					9.0				0.1	168 K
					10.0				0.1	273 K
					11.0				0.1	168 K
					12.0				0.1	273 K
					15.0				0.1	285 K
20.0	0.1	285 K								
MRS		Wirewound	Wirewound Resistor, Open Style, Current Shunts, Very Low Value	Resistors, Fixed			100	1	1 m	0.500
MSP		Wirewound	Precision Surface Mount Resistors Wirewound or Metal Film Technologies	Resistors, Fixed	0.5		25	5	10	332 K
					1				40 m	2.2 K
					2				40 m	4.7 K
					2.5				40 m	13 K
NSR		Wirewound	Wirewound Resistors, Noise Suppressor	Resistors, Fixed			250	10	1 K	15 K
OVSA		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Flat, Oval, Adjustable, OVSA	Resistors, Fixed	40			10	1.7	27 K
					55				2.4	64 K
					70				3.0	92 K






Series	Product Image	Technology	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance	Resistance Min.	Resistance Max.
					(W)			(%)	(Ω)	(Ω)
OVSF		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Flat, Oval, Fixed, OVSF	Resistors, Fixed	95			5	4.1	120 K
					30				1.2	7.3 K
					40				1.7	27 K
					55				2.4	85 K
					70				3.0	137 K
					95			4.1	171 K	
PAC.. Series		Wirewound	Cemented Leaded Wirewound Precision Resistors	Resistors, Fixed	1	n/a	See datasheet	1	0.10	2.2 K
					2				0.10	3.6 K
					3				0.10	4.7 K
					4				0.10	8.2 K
					5				0.10	12 K
					6				0.10	12 K
RBEA, RBSA		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Ribwound (RB), Adjustable (RBEA, RBSA)	Resistors, Fixed	90			10	14 m	25.3
					100				11 m	20.7
					110				14 m	26.8
					120				17 m	32.9
					135				20 m	39
					150				18 m	39
					160				27 m	51.3
					175				22 m	48.1
					180				30 m	57.4
					220				35 m	75
					225				36 m	77.2
					240				39 m	83.9
					300				55 m	120
375	72 m	156								




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					400				62 m	149
420	82 m	178								
500	83 m	200								
550	97 m	232								
750	0.130	158								
1000	0.176	209								
1500	0.248	294								
2000	0.300	380								
RBEF, RBSF		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Ribwound (RB), Fixed (RBEF, RBSF)	Resistors, Fixed	40			10	10 m	10.6
					50				20 m	8.2
					75				10 m	19.3
					90				15 m	28.3
					100				12 m	24.5
					110				15 m	30.6
					120				18 m	36.8
					135				21 m	42.9
					150				19 m	44.8
					160				27 m	55.0
					175				23 m	53.7
					180				30 m	61.3
					220				35 m	80.6
					225				36 m	82.8
					240				38 m	89.5
					300				54 m	125
					375				69 m	161
400	61 m	159								



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					420			79 m	184	
500	81 m	210								
550	93 m	242								
750	0.128	166								
850	0.160	400								
1000	0.168	217								
1100	0.180	525								
1500	0.234	303								
1700	0.270	350								
2000	0.281	391								
RDEA, RDSA		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Roundwire (RD), Adjustable (RDEA, RDSA)	Resistors, Fixed	12			10	0.27	10.6 K
					25				0.50	19 K
					30				0.66	26 K
					45				1.21	49 K
					50				1.34	54 K
					51				1.49	61 K
					61				1.77	73 K
					65				2.04	84 K
					75				2.18	89 K
					76				2.32	96 K
					80				0.40	48 K
					90				2.87	119 K
					95				0.56	79 K
					100				3.15	131 K
					120				0.71	100 K
130	0.78	111 K								



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					160				1.00	144 K
175	1.08	156 K								
220	1.38	69 K								
225	1.38	200 K								
235	1.49	216 K								
240	1.56	227 K								
275	1.81	90 K								
300	2.07	104 K								
500	3.24	34 K								
750	4.22	44 K								
1000	5.85	62 K								
1150	7.58	41 K								
RDEF, RDSF		Wirewound	Wirewound Resistors, Industrial Power, Tubular, Roundwire (RD), Fixed (RDEF, RDSF)	Resistors, Fixed	8	5	0.82	13.5 K		
					12		0.12	49 K		
					15		0.16	28.7 K		
					20		0.13	53.2 K		
					25		0.22	35 K		
					30		0.28	29 K		
					45		0.18	63 K		
					50		0.21	119 K		
					51		0.22	83 K		
					61		0.27	97 K		
					65		0.31	122 K		
					75		0.33	207 K		
					76		0.35	134 K		
					80		60 m	53 K		







Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					90				0.43	172 K
95	80 m	79 K								
100	0.47	186 K								
120	0.11	100 K								
130	0.12	111 K								
160	0.15	144 K								
175	0.16	156 K								
220	0.21	69 K								
225	0.21	200 K								
235	0.22	216 K								
240	0.24	227 K								
275	0.27	90 K								
300	0.31	104 K								
500	0.49	34 K								
750	0.63	44 K								
1000	0.89	62 K								
1150	1.14	41 K								
RE Military		Wirewound	Wirewound Resistors, Military, MIL-PRF-18546 Qualified, Type RE, Aluminum Housed, Chassis Mount	Resistors, Fixed	n/a	See datasheet	1	5	0.10	3.32 K
								10	0.10	5.62 K
								20	0.10	12.1 K
								30	0.10	39.2 K
								75	50 m	29.4 K
								120	0.10	35.7 K
RER Military		Wirewound	Wirewound Resistors, Military/Established Reliability MIL-PRF-39009 Qualified, Type RER, R Level	Resistors, Fixed	n/a	See datasheet	1	5	0.10	3.32 K
								10	0.10	5.62 K
								20	0.10	12.1 K






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					30				0.10	39.2 K
RH		Wirewound	Heatsink Encased Wirewound Power Resistors	Resistors, Fixed	10		5	4	10 m	12 K
					12.5				0.1	12 K
					25				6 m	20 K
					50				10 m	20 K
RH, NH		Wirewound	Wirewound Resistors, Industrial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	7.5	n/a	20	0.05	20 m	24.5 K
					12.5				10 m	47.1 K
					25				10 m	95.2 K
					50				10 m	273 K
					100				50 m	90 K
					250				50 m	116 K
RHA		Wirewound	Pre-Charge and Discharge, Chassis Mount Wirewound Resistor	Resistors, Fixed	7.5	n/a	See datasheet	1	0.1	3.32 K
					12.5				0.1	5.62 K
					25				0.1	12.1 K
					50				0.1	39.2 K
RLP		Wirewound	Insulated Precision Wirewound Resistors Axial Leads	Resistors, Fixed	1			4	50 m	2 K
					2				25 m	6.8 K
					3				10 m	15 K
					6				20 m	59 K
					10				60 m	150 K
RMB, RMBS		Wirewound	Molded Precision Wirewound Resistors Axial Leads	Resistors, Fixed	0.5	05		0.1	0.1	2 K
					0.75	075			0.1	2 K
					1	10			0.1	6.81 K
					1.5	105			0.1	6.81 K
					2	20			15 m	13 K
					3	300			51 m	13 K



Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
RS, NS		Wirewound	Wirewound Resistors, Industrial, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	0.4	n/a	20	0.05	0.1	3.4 K
					0.75				0.1	4.9 K
					1.0				0.1	10.4 K
					2.5				0.1	32.3 K
					3.0				0.1	24.5 K
					3.25				0.1	32.3 K
					3.75				0.1	24.5 K
					4.0				0.1	47.1 K
					5.0				0.1	95.2 K
					5.5				0.1	47.1 K
					6.5				0.1	95.2 K
					7.0				0.1	154 K
					9.0				0.1	154 K
					10.0				0.1	273 K
13.0	0.1	273 K								
RSO		Wirewound	Wirewound Resistor, Industrial High Power, Enamelled Corrugated Tape, Tubular	Resistors, Fixed	160	25138	10	0.10	68 m	12
					200	25168			0.10	18
					350	30250			0.22	33
					700	40370			0.33	56
					1000	50373			0.39	68
RSSD		Wirewound	Wirewound Resistor, Industrial High Power, Vitreous Tubular, Adjustable, Low Values 0.12 Ohm to 560 Ohm	Resistors, Fixed	16	0834	5	0.12	0.12	10
					25	1050			0.12	22
					42	1370			0.12	43
					70	1694			0.33	75
					100	20117			0.22	100
					140	25138			0.10	150






Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					200	25168			0.12	220
					280	30250			0.22	360
					450	40370			0.47	470
					600	50373			0.68	560
RW		Wirewound	Fixed Wirewound High Power Vitreous Resistors with Terminal Collars or Bands	Resistors, Fixed	10	0834	5		1	10 K
					17	1050			1	27 K
					28	1370			2.2	56 K
					44	1694			2.2	56 K
					72	20117			2.7	68 K
RW Military		Wirewound	Wirewound Resistors, Military, MIL-PRF-26 Qualified, Type RW, Precision Power, Silicone Coated, Axial Lead	Resistors, Fixed	1.0	n/a	20	0.1	0.1	2.74 K
					2.0				0.1	2.74 K
					3.0				0.1	6.49 K
					5.0				0.1	24.3 K
					6.5				0.1	8.2 K
					10.0				0.1	71.5 K
					11.0				0.1	20 K
RW, RW E, RW Ni		Wirewound	Vitreous Wirewound Resistors acc. MIL-PRF-26	Resistors, Fixed	11	n/a	See datasheet	5	0.39	13 K
					14				3.9	6.8 K
					15				1.0	33 K
					17				1.0	10 K
					18				1.0	36 K
					25				1.0	56 K
					26				8.2	18 K
					27				2.0	6.2 K
					42				1.0	10 K
					45				2.0	91 K




Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					55					
					70				1.0	75 K
					78				24	56 K
					80				2.7	15 K
					90				3.0	110 K
					113				33	91 K
					130				2.7	160 K
					159				47	150 K
					180				6.8	36 K
					210				75	180 K
					220				4.7	200 K
					240				8.2	47 K
					290				10	56 K
					300				6.8	270 K
					400				8.2	390 K
					480				10	300 K
RWM		Wirewound	Enamelled Wirewound Power Resistors Axial Leads	Resistors, Fixed	8	0634		1	0.33	36 K
					11	0834			0.33	36 K
						0845			0.47	62 K
					25	1045			0.47	62 K
						1064			0.68	100 K
					30	1065			0.68	100 K
RWR Military		Wirewound	Wirewound Resistors, Military/Established Reliability, MIL-PRF-39007 Qualified, Type RWR, Up to S Level, Axial Lead	Resistors, Fixed	1	n/a	see datasheet	0.1	0.1	1 K
					1.5				0.1	1.3 K
					2				0.1	12.1 K
					3				0.1	4.12 K





Series	Product Image	Technology	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance	Resistance Min.	Resistance Max.	
					(W)			(%)	(Ω)	(Ω)	
RWST		Wirewound	Wirewound Resistors, Industrial High Power, Vitreous Tubular	Resistors, Fixed	5	25138		5	0.1	12.1 K	
					7				0.1	12.4 K	
					10				0.1	39.2 K	
					95				2.7	82 K	
					160				2.7	100 K	
SH		Wirewound	Heatsink Encased Wirewound Power Resistors Industrial Applications	Resistors, Fixed	280	30250		5	4.7	220 K	
					500	40370			8.2	360 K	
					700	50373			12	390 K	
					10				0.1	3.3 K	
					12.5				0.1	15 K	
SM		Wirewound	Wirewound Resistor, Precision Power, Surface Mount	Resistors, Fixed	25	n/a	See datasheet	0.1	0.1	33 K	
					50				0.1	51 K	
					0.5					0.1	400
					1					0.1	3 K
					2					0.1	15 K
SPR2213, SPR2214		Wirewound	Wirewound Resistors, Special Purpose, Commercial, High Power	Resistors, Fixed	3	n/a	See datasheet	5	0.1	25 K	
					4				0.1	50 K	
					40				0.5	24 K	
					50				1.0	44 K	
SPR2232		Wirewound	Wirewound, 300 W Liquid Cooled Load Resistor	Resistors, Fixed	70	n/a	See datasheet	5	0.5	24 K	
					100				1.0	44 K	
SPU Molded Style		Wirewound	Wirewound Resistors, Molded Style, Current Shunts, Very Low Value, Four Terminal	Resistors, Fixed	300	n/a	See datasheet	5	3	5 K	
					1					1 m	60 m
					2					1 m	60 m
					4				1 m	0.200	

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					5				10 m	0.500
SPU Open Style		Wirewound	Wirewound Resistors, Open Style, Current Shunts, Custom Tailored, Very Low Value, High Precision	Resistors, Fixed	1	n/a	100	1	1.67 m	20 m
					1.875				2.5 m	10 m
SR		Wirewound	Wirewound Resistors, Open Air, Current Sense, Low Value	Resistors, Fixed	3.0	n/a	200	1	2.5 m	0.10
					5.0				2.5 m	50 m
TMC		Wirewound	Wirewound Resistors, Industrial Power, Aluminum Housed, Chassis Mount	Resistors, Fixed	7.5	n/a	See datasheet	1	20 m	24.5 K
					12.5				10 m	47.1 K
					25				10 m	95.2 K
					50				10 m	273 K
					100				50 m	90 K
					250				50 m	116 K
VACR		Wirewound	Aluminum Housed Compact Wirewound Resistor	Resistors, Fixed	50	n/a	See datasheet	10	3.0	560
					100				2.7	1.2 K
					120				4.7	1 K
					130				2.7	910
					150				2.7	1.5 K
					180				6.2	1.8 K
					200				3.3	1.5 K
					250				4.7	1.8 K
					300				4.7	1.2 K
					400				6.2	1.8 K
					500				8.2	1.8 K
VC		Wirewound	Vitreous Wirewound Power Resistor with Corrugated Ribbon	Resistors, Fixed	90			5	68 m	8.2
					130				68 m	10
					160				68 m	12

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
VN		Wirewound	Vitreous Wirewound Power Resistors	Resistors, Fixed	200			5	0.10	18
					220				0.18	22
					350				0.22	33
					700				0.33	56
					1000				0.39	68
					22				1.0	33 K
					35				2.2	56 K
					55				2.2	68 K
					85				2.2	82 K
					90				2.2	120 K
					120				2.7	120 K
145	2.7	180 K								
180	2.7	270 K								
200	3.3	270 K								
320	4.7	390 K								
600	8.2	470 K								
VNC		Wirewound	Vitreous Wirewound Power Resistors	Resistors, Fixed	15			5	1.0	27 K
					18				1.0	33 K
					22				1.0	39 K
					25				1.0	56 K
					35				1.8	56 K
					40				1.0	82 K
					45				2.2	100 K
					50				1.5	100 K
					55				2.2	68 K
					70				1.0	120 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					85				1.2	180 K
					90				1.8	220 K
					120				2.2	220 K
					140				2.7	270 K
					145				2.7	220 K
					180				2.7	270 K
					200				3.3	330 K
					230				3.9	390 K
					320				4.7	470 K
VNPC		Wirewound	Vitreous Wirewound Power Resistor, Flat	Resistors, Fixed	30			5	1.0	8.2 K
					50				1.8	22 K
					90				2.7	47 K
					120				3.9	68 K
					150				4.7	100 K
WCR		Wirewound	Water Cooled Wirewound Resistor	Resistors, Fixed	1500			5	4.7	56 K
					2000				4.7	56 K
					2500				4.7	56 K
WSC, WSN		Wirewound	Wirewound Resistors, Precision Power, Surface Mount	Resistors, Fixed	0.5	2012	See datasheet	0.5	0.1	4.99
					1	25152515			0.1	2.77 K
					2	45274527			0.1	4.92 K
					3	6927			0.1	8 K
WSZ6720		Wirewound	Leaded Wirewound Resistors, Surface Mount, Silicone or Cement Coated, High Power	Resistors, Fixed	1.8	6720	See datasheet	1	0.10	3.3 K
WSZ7532		Wirewound	Leaded Wirewound Resistors, Surface Mount, Silicone or Cement Coated, High Power	Resistors, Fixed	3.75	7532	See datasheet	1	1	15 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
Z300		Wirewound	Industrial Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	1	n/a	10	1	0.30	2 K
					2				0.47	4.3 K
					3				0.10	3.3 K
					4				0.10	3.9 K
					6				0.10	10 K
					8				0.13	16 K
					10				0.20	30 K
Z300-C00		Wirewound	Commercial Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	200	5	0.30	2 K
					1				0.30	2 K
					1.8				0.47	4.3 K
					2				0.47	4.3 K
					2.7				0.22	3.3 K
					3				0.22	3.3 K
					3.5				0.47	3.9 K
					4				0.47	3.9 K
					4.4				0.62	5.6 K
					5				0.62	5.6 K
					5.3				0.15	10 K
					6				0.15	10 K
Z300-Cxx		Wirewound	High Surge Axial Cemented Leaded Wirewound Resistors	Resistors, Fixed	0.9	n/a	200	5	430	2 K
					1				430	2 K
					1.8				180	4.3 K
					2				180	4.3 K
					2.7				62	3.3 K
					3				62	3.3 K
					3.5				27	3.9 K

Series	Product Image	Technology	Description	Type	Power (W)	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance Min. (Ω)	Resistance Max. (Ω)
					4				27	3.9 K
					4.4				15	5.6 K
					5				15	5.6 K
					5.3				4.7	10 K
					6				4.7	10 K
Z302 BV 20327		Wirewound	Axial Cemented, Fusible, Wirewound Resistors	Resistors, Fixed	3	n/a	See datasheet	5	15	15
ZBS		Wirewound	Cemented Wirewound Resistors with Corrugated Ribbon	Resistors, Fixed	50	n/a	See datasheet	5	0.13	6.2
					75				0.1	8.2
					100				0.27	12
					110				0.15	12
					150				0.2	22
					200				0.27	24
					250				0.3	27
					300				0.39	36
					375				0.75	56
					500				0.91	75
ZWK, ZWK Ni		Wirewound	Cemented Wirewound Resistors with Ferrules	Resistors, Fixed	10	n/a	See datasheet	2	0.24	22 K
					15				0.36	33 K
					20				0.56	51 K
					40				1.1	100 K
					60				1.5	130 K
					90				2.2	200 K
					150				3.9	360 K
ZWS, ZWS E, ZWS Ni		Wirewound	Cemented Wirewound Resistors with Lugs	Resistors, Fixed	6	n/a	See datasheet	2	0.15	13 K
					8				0.24	20 K

Series	Product Image	Technology	Description	Type	Power	Case (EIA & Mil)	Typical TCR (ppm/C)	Min. Tolerance (%)	Resistance	Resistance
					(W)				Min. (Ω)	Max. (Ω)
					12				0.33	27 K
					15				0.39	33 K
					20				0.47	43 K
					35				0.91	82 K
					50				1.1	91 K
					75				2.0	180 K
					100				2.2	200 K
					110				2.7	240 K
					150				3.9	360 K
					250				6.8	620 K

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93