


# Технические характеристики



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# CAPACITORS - CERAMIC - MULTILAYER SMD



Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
CDR-MIL-PRF-55681		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors MIL Qualified, Type CDR	CDR06 (2225)	BX	50.0	390 nF	470 nF
					CDR37 (0402)		50.0	100 pF	8.2 nF
					CDR01 (0805)	BP	100.0	10 pF	180 pF
						BX	100.0	120 pF	4.7 nF
					CDR02 (1805)	BP	100.0	220 pF	270 pF
						BX	100.0	3.9 nF	22 nF
					CDR03 (1808)	BP	100.0	330 pF	1 nF
						BX	100.0	12 nF	68 nF
					CDR04 (1812)	BP	100.0	1.2 nF	3.3 nF
						BX	100.0	39 nF	180 nF
					CDR31 (0805)	BP	100.0	1 pF	680 pF
						BX	100.0	470 pF	18 nF
					CDR32 (1206)	BP	100.0	1 pF	2.2 nF
						BX	100.0	4.7 nF	39 nF
					CDR33 (1210)	BP	100.0	1 nF	3.3 nF
						BX	100.0	15 nF	100 nF
					CDR34 (1812)	BP	100.0	2.2 nF	10 nF
						BX	100.0	27 nF	180 nF
					CDR35 (1825)	BP	100.0	4.7 nF	22 nF
						BX	100.0	56 nF	470 nF
CDR36 (0603)	BP	100.0	51 pF	1 nF					
	BX	100.0	100 pF	56 nF					



Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
						BR	100.0	100 pF	56 nF
					CDR37 (0402)	BP	100.0	22 pF	150 pF
DSCC 03028		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 03028	0603	BP	100.0	1 pF	1 nF
						BX	100.0	100 pF	100 nF
						BR	100.0	100 pF	100 nF
DSCC 03029		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 03029	0402	BX	50.0	100 pF	8.2 nF
						BR	50.0	100 pF	10 nF
						BP	100.0	1 pF	180 pF
DSCC 05001		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05001	0805	BP	250.0	1 pF	100 pF
DSCC 05002		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05002	0603	BP	250.0	1 pF	100 pF
DSCC 05003		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05002	0402	BP	100.0	1 pF	27 pF
DSCC 05006		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 05006	0805	BX	100.0	100 pF	180 nF
						BR	100.0	100 pF	220 nF
						BP	200.0	1 pF	3.3 nF
DSCC 05007		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 05007	1206	BR	100.0	820 pF	470 nF
						BX	100.0	820 pF	470 nF
						BP	200.0	1 pF	6.8 nF
GA....31G Automotive Extended Bending MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications With Extended Bending Capability	0603	X7R	100.0	10 nF	150 nF
						C0G (NP0)	200.0	100 pF	1 nF
					0805	X7R	200.0	10 nF	470 nF
						C0G (NP0)	500.0	100 pF	3.9 nF
					1206		630.0	100 pF	8.2 nF

Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					1210			630.0	100 pF
					1206	X7R	630.0	10 nF	180 nF
					1210		630.0	10 nF	180 nF
GA....31G Automotive MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications	1206	X8R	50.0	1 nF	220 nF
					1210		50.0	10 nF	220 nF
					0402	C0G (NP0)	100.0	22 pF	220 pF
						X7R	100.0	120 pF	33 nF
							100.0	330 pF	6.8 nF
					0603	X8R	100.0	470 pF	33 nF
					0805		100.0	470 pF	100 nF
					0603	C0G (NP0)	200.0	56 pF	1 nF
						X7R	200.0	330 pF	150 nF
					0805		200.0	330 pF	470 nF
							500.0	100 pF	3.9 nF
					1206	C0G (NP0)	630.0	100 pF	8.2 nF
					1210		630.0	100 pF	12 nF
					1206	X7R	630.0	220 pF	1.0 uF
					1210		630.0	390 pF	1.0 uF
							630.0	10 nF	1.0 uF
					1812	C0G (NP0)	3000.0	39 pF	22 nF
GA....31M, GA....34G Automotive HIFREQ Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive High Frequency Applications	0402	D = HIFREQ	200.0	0.1 pF	82 pF
					0603		250.0	0.1 pF	470 pF
					0505		250.0	0.1 pF	1 nF
					0805		500.0	0.1 pF	1 nF
					1206		630.0	1 pF	82 pF
					1111		1500.0	0.2 pF	5.1 nF


Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
GA...34G Automotive MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications	1206	X8R	50.0	1 nF	220 nF
					1210		50.0	10 nF	220 nF
					0402	C0G (NP0)	100.0	22 pF	220 pF
						X7R	100.0	120 pF	33 nF
					0603	X8R	100.0	330 pF	6.8 nF
							100.0	470 pF	33 nF
					0805	X8R	100.0	470 pF	100 nF
							200.0	56 pF	1 nF
					0603	C0G (NP0)	200.0	56 pF	1 nF
						X7R	200.0	330 pF	150 nF
					0805	X7R	250.0	330 pF	470 nF
							500.0	100 pF	3.9 nF
					1206	C0G (NP0)	630.0	100 pF	8.2 nF
					1210		630.0	100 pF	12 nF
					1206	X7R	630.0	220 pF	1.0 uF
1210	630.0	390 pF	1.0 uF						
1812	630.0	10 nF	1.0 uF						
GA...EDG Automotive ESD MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Electro Static Discharge (ESD) Sensitive Automotive Applications	0603	X7R	100.0	1 nF	100 nF
					0805		200.0	1 nF	150 nF
					1206		200.0	10 nF	1.0 uF
HV High Voltage Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitor Solutions for High Voltage Applications	1206	C0G (NP0)	1500.0	10 pF	120 pF
					3040	X7R	1500.0	33 nF	220 nF
					4044		1500.0	100 nF	560 nF
					1210	C0G (NP0)	2000.0	10 pF	120 pF
					1206	X7R	2000.0	270 pF	4.7 nF
					1210		2000.0	390 pF	10 nF
					1808	C0G (NP0)	3000.0	27 pF	220 pF


Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					1812		5000.0	15 pF	1.8 nF
1825	5000.0	15 pF	2.2 nF						
2220	5000.0	33 pF	2.2 nF						
2225	5000.0	47 pF	3.3 nF						
1808	X7R	6000.0	47 pF	18 nF					
1812		6000.0	150 pF	27 nF					
1825		6000.0	330 pF	56 nF					
2220		6000.0	330 pF	82 nF					
2225		6000.0	470 pF	100 nF					
3640		8000.0	470 pF	390 nF					
MIL-PRF-123		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors MIL Qualified, Type MIL-123	CKS54 (2225)	BP	50.0	1.1 nF	10 nF
						BX	50.0	120 nF	470 nF
					CKS51 (0805)	BP	100.0	1 pF	680 pF
					CKS55 (1206)		100.0	1 pF	2.2 nF
					CKS52 (1210)		100.0	300 pF	3.3 nF
					CKS53 (1808)		100.0	300 pF	1 nF
					CKS56 (1812)		100.0	1.2 nF	10 nF
					CKS57 (1825)		100.0	3.6 nF	22 nF
					CKS51 (0805)	BX	100.0	330 pF	18 nF
					CKS55 (1206)		100.0	4.7 nF	39 nF





Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					CKS52 (1210)		100.0	5.6 nF	100 nF
CKS53 (1808)	100.0	5.6 nF	100 nF						
CKS56 (1812)	100.0	27 nF	56 nF						
CKS57 (1825)	100.0	56 nF	470 nF						
VJ BX Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Capacitors	0505	X = BX	50.0	510 pF	10 nF
					1111		50.0	5 nF	100 nF
VJ Commercial Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Commercial Applications	0402	C0G (NP0)	100.0	1 pF	220 pF
						X7R	100.0	120 pF	47 nF
					0603	X7R	200.0	330 pF	150 nF
						C0G (NP0)	250.0	1 pF	1 nF
					0805	X7R	250.0	330 pF	470 nF
						C0G (NP0)	500.0	1 pF	4.7 nF
					1825	C0G (NP0)	500.0	100 pF	39 nF
					2220	X7R	500.0	15 nF	2.2 uF
							500.0	27 nF	6.8 uF
					1206	C0G (NP0)	630.0	1 pF	10 nF
					1210		630.0	56 pF	12 nF
					1206	X7R	630.0	330 pF	1.0 uF
							630.0	390 pF	1.0 uF
					1808	C0G (NP0)	1000.0	27 pF	10 nF
					1812		1000.0	39 pF	22 nF
					2220		1000.0	270 pF	47 nF
					2225		1000.0	270 pF	56 nF
					1808	X7R	1000.0	470 pF	270 nF


Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					1812		1000.0	1 nF	1.0 uF
				1825	1000.0	10 nF	2.7 uF		
				2225	1000.0	33 nF	4.7 uF		
VJ HIFREQ HT Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Temperatures 175 °C / 200 °C	0402	D = HIFREQ	100.0	0.1 pF	47 pF
					0603		200.0	0.1 pF	270 pF
					0505		250.0	0.1 pF	470 pF
					0805		250.0	0.1 pF	1 nF
					1111		500.0	0.2 pF	3.3 nF
VJ HIFREQ Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Frequency	0402	D = HIFREQ	200.0	0.1 pF	82 pF
					0505		250.0	0.1 pF	1 nF
					0603		250.0	0.1 pF	470 pF
					0805		500.0	0.1 pF	1 nF
					1111		1500.0	0.2 pF	3.3 nF
					2525		3600.0	1 pF	3 nF
					3838		7200.0	1 pF	12 nF
VJ HVArc Guard®		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors Prohibit Surface Arc-over in High-Voltage Applications	0805	X7R	1000.0	470 pF	3.3 nF
					1206		1000.0	220 pF	47 nF
					1210		1000.0	220 pF	82 nF
					1808		1000.0	220 pF	100 nF
					1812		1000.0	220 pF	270 nF
					0805	COG (NP0)	1500.0	10 pF	390 pF
					1206		1500.0	10 pF	1.5 nF
					1210		1500.0	10 pF	2.7 nF
					2220		1500.0	470 pF	5.6 nF
					2225		2500.0	470 pF	8.2 nF
VJ Hi-Rel Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Reliability Applications	0603	X5R	6.3	120 nF	150 nF
					0402		16.0	27 nF	47 nF



Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
						C0G (NP0)	100.0	1 pF	180 pF
0603	X7R	100.0	100 pF	22 nF					
		100.0	270 pF	100 nF					
0603	C0G (NP0)	200.0	1 pF	1.5 nF					
		0805	X7R	200.0	150 pF	390 nF			
500.0	1 pF			3.3 nF					
1210	C0G (NP0)	500.0	100 pF	10 nF					
1808		500.0	100 pF	10 nF					
1812		500.0	39 pF	22 nF					
1825		500.0	100 pF	33 nF					
2220		500.0	100 pF	33 nF					
2225		500.0	120 pF	39 nF					
1206		X7R	500.0	680 pF	1.0 uF				
1210			500.0	1 nF	1.0 uF				
1808			500.0	1 nF	270 nF				
1812			500.0	3.3 nF	1.0 uF				
1825	500.0		10 nF	2.7 uF					
2220	500.0		10 nF	2.2 uF					
2225	500.0		10 nF	4.7 uF					
3640	500.0		15 nF	6.8 uF					
1206	C0G (NP0)		600.0	1 pF	10 nF				
VJ Non-Magnetic Series for Reflow Soldering			Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Non-Magnetic Applications (Reflow Soldering)	0603	X5R	6.3	120 nF
		0402				C0G (NP0)		16.0	27 nF
							0603	X7R	100.0
		0603				C0G (NP0)			100.0
							100.0	270 pF	100 nF
200.0	1 pF	1.5 nF							

Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					0805	X7R	200.0	390 pF	390 nF
						C0G (NP0)	500.0	1 pF	3.3 nF
					1210		X7R	500.0	1 pF
					1206	500.0		680 pF	1.0 uF
					1210	X7R	500.0	1 nF	1.0 uF
					3640		500.0	15 nF	6.8 uF
					1206	C0G (NP0)	600.0	1 pF	10 nF
					1825		1000.0	15 pF	33 nF
					2220		1000.0	100 pF	33 nF
					2225		1000.0	120 pF	39 nF
					1825	X7R	1000.0	10 nF	2.7 uF
					2225		2000.0	5.6 nF	4.7 uF
					1808	C0G (NP0)	3000.0	27 pF	10 nF
					1812		3000.0	27 pF	22 nF
					1808	X7R	3000.0	220 pF	270 nF
					1812		3000.0	270 pF	1.0 uF
					2220		3000.0	1 nF	2.2 uF
					VJ OMD Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitor Solutions for Boardflex Sensitive Applications
1825	C0G (NP0)	1000.0	15 pF	33 nF					
2220		1000.0	270 pF	39 nF					
2225		1000.0	270 pF	47 nF					
1206	X7R	1500.0	10 pF	4.7 nF					
1210		2000.0	10 pF	8.2 nF					
1206	X7R	2000.0	270 pF	680 nF					
1210		2000.0	390 pF	1.0 uF					
1825		2000.0	5.6 nF	1.5 uF					
2225		2000.0	5.6 nF	1.8 uF					





Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
					1808	C0G (NP0)	3000.0	27 pF	8.2 nF
1812	3000.0	27 pF	18 nF						
VJ Safety Certified Capacitors		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Safety Certified Applications	1808	X7R	3000.0	220 pF	18 nF
					1812		3000.0	100 pF	1.2 uF
					2220		3000.0	1 nF	1.8 uF
					2008	C0G (NP0) (X1 / Y2)	250.0	10 pF	220 pF
					2220		250.0	47 pF	1 nF
					2008	C0G (NP0) (X2)	250.0	10 pF	390 pF
2220	250.0	270 pF	4.7 nF						
VJ Source Energy Capacitor (SEC)		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Capacitors for Pulse Current Applications	2008	X7R (X1 / Y2)	250.0	100 pF	1 nF
					2220		250.0	270 pF	4.7 nF
					2008		X7R (X2)	250.0	100 pF
					2220	250.0		270 pF	12 nF
					4044	X7R (X5P)		1500.0	100 nF
					3640		1500.0	47 nF	330 nF
3040	1500.0	33 nF	220 nF						
2225	1500.0	18 nF	100 nF						
1825	1500.0	10 nF	56 nF						
1812	1500.0	4.7 nF	27 nF						
VJ X8R		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Temperature Applications Up to 150 °C	1206	X8R	50.0	1 nF	220 nF
					1210		50.0	10 nF	220 nF
					0402		100.0	330 pF	6.8 nF
					0603		100.0	470 pF	33 nF
					0805		100.0	470 pF	100 nF
VJ....32 Lead-Bearing Finish MLCCs		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors With Lead-Bearing Finish Termination	0402	C0G (NP0)	100.0	1 pF	220 pF
					0402	X7R	100.0	120 pF	33 nF
					0603	C0G (NP0)	200.0	1 pF	820 pF

Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage	Capacitance	Capacitance		
							(V)	(min.)	(max.)		
VJ...W1BC Basic Commodity Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Commodity Applications	0805	X7R	200.0	330 pF	150 nF		
							200.0	330 pF	470 nF		
					1206	C0G (NP0)	500.0	1 pF	3.9 nF		
							630.0	1 pF	8.2 nF		
					1210	X7R	630.0	100 pF	12 nF		
							630.0	220 pF	1.0 uF		
					1210	X7R	630.0	390 pF	1.0 uF		
							0402	X5R	50.0	47 nF	10 uF
					50.0	220 nF			22 uF		
					50.0	1.5 uF			47 uF		
					50.0	1.5 uF			100 uF		
					50.0	1.5 uF			220 uF		
					0402	Y5V	50.0	100 pF	1 uF		
							50.0	10 nF	470 nF		
					0603	Y5V	50.0	10 nF	2.2 uF		
							0402	C0G (NP0)	100.0	0.5 pF	1 nF
					100.0	0.5 pF			3.3 nF		
					100.0	0.5 pF			12 nF		
					100.0	1.5 pF			39 nF		
					0603	X7R	100.0	100 pF	2.2 uF		
							100.0	100 pF	10 uF		
							100.0	150 pF	22 uF		
							100.0	1 nF	47 uF		
					0805	Y5V	100.0	10 nF	10 uF		
							1206	Y5V	100.0	10 nF	22 uF
							1210		100.0	10 nF	100 uF







Series	Product Image	Type	Technology	Description	Case (EIA & Mil)	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
VJ....W1BC Ultra High Q/Low ESR		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Ultra High Q Commodity Applications	0201	Ultra High Q	50.0	0.1 pF	33 pF
					0402		100.0	0.1 pF	22 pF
					0603		250.0	0.3 pF	47 pF
					0805		250.0	0.3 pF	100 pF
VJ....W1BC Ultra Small Series 0201		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Ultra Small Commodity Applications	0201	COG (NP0)	50.0	0.5 pF	120 pF
						X5R	50.0	100 pF	2.2 uF
						X7R	50.0	100 pF	10 nF

# CAPACITORS - CERAMIC - MULTILAYER LEADED

Series	Product Image	Type	Technology	Description	Mounting	Class	Dielectric	Voltage (V)	Capacitance (min.)	Capacitance (max.)
A Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Axial Leaded Multilayer Ceramic Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 200 VDC, 500 VDC	Axial	1	C0G	50	10 pF	10 nF
								100	10 pF	5.6 nF
								200	33 pF	2.2 nF
								500	33 pF	1 nF
						2	X7R	50	100 pF	1 µF
								100	100 pF	220 nF
								200	100 pF	47 nF
								500	100 pF	33 nF
						3	Y5V	50	10 nF	1 µF
								100	10 nF	220 nF
A...P Series		Capacitors, Fixed	Ceramic, Singlelayer	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial		C0G		100 pF	12 nF
							X7R		330 pF	1 µF
A...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial	1	C0G	50	100 pF	8.2 nF
								100	100 pF	8.2 nF
								200	100 pF	1 nF
						2	X7R	50	470 pF	1 µF
								100	470 pF	470 nF
								200	330 pF	68 nF
K Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 200 VDC, 500 VDC	Radial	1	C0G	50	10 pF	10 nF
								100	10 pF	5.6 nF
								200	33 pF	3.9 nF
								500	33 pF	1.8 nF
						2	X7R	50	100 pF	1 µF





Series	Product Image	Type	Technology	Description	Mounting	Class	Dielectric	Voltage	Capacitance	Capacitance		
								(V)	(min.)	(max.)		
		Capacitors, Fixed	Ceramic, Singlelayer	Radial Leaded Multilayer Ceramic Capacitors For Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial			100	100 pF	560 nF		
								200	100 pF	220 nF		
								500	100 pF	47 nF		
								3	Y5V	50	10 nF	1 µF
										100	10 nF	220 nF
K...G Series		Capacitors, Fixed	Ceramic, Singlelayer	Radial Leaded Multilayer Ceramic Capacitors For Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial		C0G		100 pF	12 nF		
								X7R		330 pF	1 µF	
K...H Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	High Operating Temperature Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications, 50 VDC, 100 VDC, 200 VDC	Radial	1	C0G	50	100 pF	12 nF		
								100	100 pF	12 nF		
								200	100 pF	8.2 nF		
								2	X0U	50	10 nF	1 µF
										100	10 nF	470 nF
200		10 nF	180 nF									
		K...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	1	C0G	50	100 pF	8.2 nF
100	100 pF									8.2 nF		
200	100 pF									1 nF		
2	X7R									50	470 pF	1 µF
										100	470 pF	470 nF
		200	330 pF	100 nF								






## CAPACITORS - CERAMIC - SINGLELAYER











Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
125L Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y4, 125 VAC	Radial	125.0	1 nF	50 nF	2	Y5V
						400.0	1 nF	50 nF		
20VL Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X2, 400 VAC	Radial	400.0	9 nF	100 nF	2	Y5V
						400.0	10 nF	10 nF		Z5U
25Y Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC / 250 VAC	Radial	250.0	1 nF	8 nF	2	Y5S
						300.0	1 nF	8 nF		
						400.0	1 nF	8 nF		
30LV Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	68 pF	1	C0G, U2J, P3K, R3L, S3L
						400.0	10 pF	68 pF		
						300.0	100 pF	15 nF	2	X7R, Y5U
						400.0	100 pF	15 nF		
30LVS Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC / 250 VAC	Radial	250.0	1 nF	10 nF	2	Y5U
						300.0	1 nF	10 nF		
						400.0	1 nF	10 nF		
						250.0	4.7 nF	10 nF		Y5V
						300.0	4.7 nF	10 nF		
						400.0	4.7 nF	10 nF		
440L Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	10 pF	47 pF	1	C0G, U2J, P3K, R3L
						760.0	10 pF	47 pF		
						500.0	68 pF	20 nF	2	X7R, Y5U
						760.0	68 pF	20 nF		







Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
561R Series		Capacitors, Fixed	Ceramic, Singlelayer	Lower Voltage Ceramic DC Disc Capacitors 1000 VDC Precision Capacitors	Radial	1000.0	3 pF	270 pF	1	C0G
						1000.0	1 pF	2.7 pF		C0K
						1000.0	33 pF	680 pF		U2J
561R and 562R Series		Capacitors, Fixed	Ceramic, Singlelayer	Lower Voltage Ceramic DC Disc Capacitors 1000 VDC Temperature and Voltage Stabilized	Radial	1000.0	10 pF	10 pF	1	C0G
						1000.0	27 pF	39 pF		U2J
						1000.0	56 pF	4.7 nF	2	X5F
						1000.0	10 nF	10 nF		X7R
561R and 564R Series		Capacitors, Fixed	Ceramic, Singlelayer	Lower Voltage Ceramic Singlelayer DC Disc Capacitors 1 kVDC to 3 kVDC Low Dissipation Factor	Radial	1000.0	10 pF	6.8 nF	1	C0G, N1500, N2000, N2200, N2500, N2800
						2000.0	10 pF	6.8 nF		
						3000.0	10 pF	4.7 nF		
561R, 562R, 565R Series		Capacitors, Fixed	Ceramic, Singlelayer	Lower Voltage Ceramic DC Disc Capacitors 1000 VDC General Purpose	Radial	1000.0	10 pF	10 pF	1	C0G
						1000.0	33 pF	33 pF		U2J
						1000.0	100 pF	500 pF	2	X5F
						1000.0	1 nF	1 nF		X7R
						1000.0	1 nF	1 nF		Y5U
						1000.0	1.2 nF	100 nF		Z5U
564R and 565R Series		Capacitors, Fixed	Ceramic, Singlelayer	Lower Voltage Ceramic Singlelayer DC Disc Capacitors 2 kVDC to 7.5 kVDC	Radial	6000.0	10 pF	47 pF	1	C0G, U2J, R3L
						3000.0	10 pF	33 pF		
						3000.0	47 pF	33 nF	2	X5F, X5R, X5S, X7R, Y5S, Y5U, Z5U
						6000.0	100 pF	10 nF		X5F, X5S, Y5U, Z5U
						7500.0	100 pF	2.5 nF		X5F, Y5U, Z5U
						2000.0	100 pF	100 nF		X7R, Y5S, Y5U, Z5U, Y5V

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
615R Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic DC Disc Capacitors 10 kVDC and 15 kVDC	Radial	10000.0	250 pF	1 nF	1	T3M (N4700)
						15000.0	100 pF	750 pF		
						10000.0	100 pF	3.3 nF	2	X5F, Y5R, Y5U, Z5U
						15000.0	100 pF	2.5 nF		
660R		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic DC Disc Capacitors with Axial Leads, 10 kVDC to 30 kVDC	Axial	10000.0	470 pF	2 nF	1	N4700 (T3M)
						15000.0	390 pF	1.5 nF		
						20000.0	220 pF	1 nF		
						30000.0	180 pF	680 pF		
						10000.0	180 pF	4.7 nF	2	X7R
						15000.0	100 pF	3.9 nF		
						20000.0	100 pF	2.7 nF		
						30000.0	100 pF	2 nF		
						10000.0	1.5 nF	10 nF		Z5U
						15000.0	1 nF	6.8 nF		
						20000.0	680 pF	5 nF		
						30000.0	470 pF	3.3 nF		
715C..DK...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 2 Ceramic DC Disc Capacitors, 10 kVDC to 40 kVDC / 3.5 kVAC to 14 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	10 nF	20 nF	2	Y5U
						15000.0	1.5 nF	10 nF		
						20000.0	500 pF	6.8 nF		
						30000.0	500 pF	4.7 nF		
						40000.0	300 pF	3.3 nF		
715C..KT...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 1 Ceramic AC and DC Disc Capacitors, 10 kVDC to 50 kVDC / 7 kVAC to 34 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	560 pF	8 nF	1	N4700
						15000.0	370 pF	5.3 nF		
						20000.0	200 pF	4 nF		
						30000.0	190 pF	2.7 nF		
						40000.0	100 pF	2 nF		
						50000.0	100 pF	1.7 nF		




Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
AY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
						440.0	10 pF	47 pF		
						300.0	68 pF	10 nF	2	Y5S, Y5U, Y5V
						440.0	68 pF	10 nF		
D Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 500 VDC	Radial	100.0	6.8 pF	330 pF	1	N750
						500.0	6.8 pF	330 pF		
						50.0	56 pF	100 pF		
						100.0	56 pF	100 pF		
						500.0	56 pF	100 pF	2	X5F
						500.0	100 pF	4.7 nF		
						50.0	100 pF	10 nF		
						50.0	1 nF	22 nF	3	Y5V
						100.0	1 nF	22 nF		
						500.0	1 nF	22 nF	2	Z5U
						100.0	1 nF	22 nF		
						50.0	4.7 nF	47 nF	3	Z5V
						100.0	4.7 nF	47 nF		
						HAK, HBK, HCK Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, Class 2, Low Loss (0.5 %), 1 kVDC, 2 kVDC, 3 kVDC
2000.0	100 pF	4.7 nF								
3000.0	100 pF	3.3 nF								
HAU, HAZ, HAE, HAX Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 1 kVDC General Purpose	Radial	1000.0	10 pF	680 pF	1	N750, Y5T, Y5U, Y5V
						1000.0	47 pF	22 nF	2	









Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
HBU, HBZ, HBE, HBX Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 2 kVDC General Purpose	Radial	2000.0	10 pF	470 pF	1	N750, Y5T, Y5U, Y5V
						2000.0	56 pF	22 nF	2	
HCU, HCZ, HCE Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 3 kVDC General Purpose	Radial	3000.0	10 pF	330 pF	1	N750, Y5T, Y5U
						3000.0	68 pF	10 nF	2	
HDU, HDE Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 4 kVDC General Purpose	Radial	4000.0	10 pF	470 pF	1	N750, Y5U
						4000.0	33 pF	4.7 nF	2	
HEU, HEE Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 5 kVDC General Purpose	Radial	5000.0	22 pF	330 pF	1	N750, Y5U
						5000.0	220 pF	2.2 nF	2	
HFU, HFZ, HFE Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 6 kVDC General Purpose	Radial	6000.0	10 pF	330 pF	1	N750, Y5T, Y5U
						6000.0	56 pF	6.8 nF	2	
HGZ Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 8 kVDC General Purpose	Radial	8000.0	100 pF	2.2 nF	2	Y5T
HIK Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Singlelayer DC Disc Capacitors, Class 2, Low Loss (0.5 %), 15 kVDC	Radial	15000.0	100 pF	1.5 nF	2	Y5T
HSE, HSZ Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors, 500 VDC General Purpose	Radial	500.0	10 pF	10 nF	2	Y5T, Y5U
HVCC Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitors Radial-Leaded Singlelayer Disc	Radial	10000.0	100 pF	2 nF	2	Y6P
						15000.0	100 pF	2 nF		
						20000.0	100 pF	1 nF		
S Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors for General Purpose Class 1, Class 2, and Class 3, 1 kVDC, 2 kVDC, 3 kVDC, 6 kVDC	Radial	6000.0	47 pF	150 pF	1	S3N
						1000.0	10 pF	470 pF		SL0
						2000.0	10 pF	470 pF		
						3000.0	10 pF	470 pF		

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric		
						6000.0	10 pF	470 pF	2	X5F		
						1000.0	100 pF	4.7 nF				
						2000.0	100 pF	4.7 nF				
						1000.0	100 pF	4.7 nF				
						2000.0	100 pF	4.7 nF				
						3000.0	100 pF	4.7 nF				
						1000.0	100 pF	10 nF		Y5P		
						2000.0	100 pF	10 nF				
						3000.0	100 pF	10 nF				
						1000.0	1 nF	33 nF			3	Y5V
						2000.0	1 nF	33 nF				
						3000.0	1 nF	33 nF				
						1000.0	1 nF	22 nF		2	Z5U	
						2000.0	1 nF	22 nF				
3000.0	1 nF	22 nF										
6000.0	1 nF	22 nF										
S Series Gap-Kap		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors (Straight Leads) Gap-Kap, 1 kVDC to 3 kVDC	Radial	1000.0	0.75 pF	22 nF	2	Z5P, Z5U		
						1500.0	0.75 pF	22 nF				
						3000.0	0.75 pF	22 nF				
SMDY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Surface Mount (reflow Soldering)	500.0	470 pF	4.7 nF	2	Y5U		
						760.0	470 pF	4.7 nF				
VKO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	1 nF	4.7 nF	2	Y5U		
						440.0	1 nF	4.7 nF				
VKP Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U		
						760.0	470 pF	4.7 nF				


Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
VY1 Compact Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
VY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	10 pF	22 pF	1	U2J
						760.0	10 pF	22 pF		
						500.0	33 pF	4.7 nF	2	Y5S, Y5U, Y5V
						760.0	33 pF	4.7 nF		
VY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
						440.0	10 pF	47 pF		
						300.0	68 pF	10 nF	2	Y5S, Y5U, Y5V
						440.0	68 pF	10 nF		
W1X Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 275 VAC	Radial	275.0	4.7 nF	22 nF	2	Y5V
WKO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	33 pF	47 pF	1	N750
						440.0	33 pF	47 pF		
						300.0	68 pF	4.7 nF	2	Y5S, Y5T, Y5U
						440.0	68 pF	4.7 nF		
WKP Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	33 pF	33 pF	1	N750
						760.0	33 pF	33 pF		
						500.0	47 pF	4.7 nF	2	Y5S, Y5T, Y5U
						760.0	47 pF	4.7 nF		
WYO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 250 VAC	Radial	250.0	1 nF	12 nF	2	Y5U
						440.0	1 nF	12 nF		

## CAPACITORS - CERAMIC - HIGH VOLTAGE









Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
615R Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic DC Disc Capacitors 10 kVDC and 15 kVDC	Radial	10000.0	250 pF	1 nF	1	T3M (N4700)
						15000.0	100 pF	750 pF		
						10000.0	100 pF	3.3 nF	2	X5F, Y5R, Y5U, Z5U
						15000.0	100 pF	2.5 nF		
660R		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic DC Disc Capacitors with Axial Leads, 10 kVDC to 30 kVDC	Axial	10000.0	470 pF	2 nF	1	N4700 (T3M)
						15000.0	390 pF	1.5 nF		
						20000.0	220 pF	1 nF		
						30000.0	180 pF	680 pF		
						10000.0	180 pF	4.7 nF	2	X7R
						15000.0	100 pF	3.9 nF		
						20000.0	100 pF	2.7 nF		
						30000.0	100 pF	2 nF		
						10000.0	1.5 nF	10 nF		
						15000.0	1 nF	6.8 nF		
						20000.0	680 pF	5 nF		
						30000.0	470 pF	3.3 nF		
715C..DK...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 2 Ceramic DC Disc Capacitors, 10 kVDC to 40 kVDC / 3.5 kVAC to 14 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	10 nF	20 nF	2	Y5U
						15000.0	1.5 nF	10 nF		
						20000.0	500 pF	6.8 nF		
						30000.0	500 pF	4.7 nF		
						40000.0	300 pF	3.3 nF		









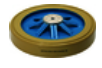
Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
715C..KT...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 1 Ceramic AC and DC Disc Capacitors, 10 kVDC to 50 kVDC / 7 kVAC to 34 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	560 pF	8 nF	1	N4700
						15000.0	370 pF	5.3 nF		
						20000.0	200 pF	4 nF		
						30000.0	190 pF	2.7 nF		
						40000.0	100 pF	2 nF		
						50000.0	100 pF	1.7 nF		
GDMQ		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, With Leads, Class 2 Ceramic	Leaded	8000.0	125 pF	250 pF	2	R2000, R3000
						8000.0	250 pF	250 pF		R2005
						10000.0	500 pF	500 pF		R6000
GFMM		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, with Solder Tags, Class 2 Ceramic	Solder Tags	19000.0	1.3 nF	1.3 nF	2	R4000
						11000.0	2.2 nF	2.2 nF		R6000
GFMQ, GFWQ		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, with Solder Tags, Class 2 Ceramic	Solder Tags	8000.0	370 pF	500 pF	2	R2005
HIK Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Singlelayer DC Disc Capacitors, Class 2, Low Loss (0.5 %), 15 kVDC	Radial	15000.0	100 pF	1.5 nF	2	Y5T
HPC, HPD		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Disc Capacitors, 20 kVDC Screw Mounting, Class 2 Ceramic	Screw Mounting	20000.0	350 pF	5 nF	2	R2000H
HR22, HR30, HR35		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ring Style Capacitors, Class 1 and Class 2 Ceramic	Screw Terminal	2800.0	750 pF	1 nF	2	R2000H (Z5U)
						3500.0	1.5 nF	1.5 nF		
						2000.0	5 nF	5 nF		
						2800.0	2 nF	5 nF		R4000 (Y5U)
						5600.0	2.5 nF	2.5 nF		
						3500.0	100 pF	100 pF		
HV High Voltage Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitor Solutions for High Voltage	Surface Mount	1500.0	10 pF	120 pF	1	C0G (NP0)
						2000.0	10 pF	120 pF		















Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
				Applications		3000.0	27 pF	220 pF		X7R
						5000.0	15 pF	3.3 nF		
						1500.0	33 nF	560 nF		
						2000.0	270 pF	10 nF		
						6000.0	47 pF	100 nF		
						8000.0	470 pF	390 nF		
						10000.0	100 pF	2 nF		
HVCC Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitors Radial-Leaded Singlelayer Disc	Radial	15000.0	100 pF	2 nF	2	Y6P
						20000.0	100 pF	1 nF		
						8000.0	120 pF	1.4 nF		
RHK		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Multiplier Sets With Leads, Class 2 Ceramic	Leaded	10000.0	120 pF	1.4 nF	2	R4000 (Y5U)






# CAPACITORS - CERAMIC - RF POWER








Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric	
5F...		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors, Class 1 Ceramic	5000.0	10 pF	40 pF	Axial Or Screw Terminal	1	N750 (U2J)	
					5000.0	3 pF	20 pF			NP0 (C0G)	
5FAE, 7FAA, 7FAU...		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors, Class 1 and Class 2 Ceramic	5000.0	500 pF	1 nF	Screw Terminal	2	X5U	
					7500.0	10 pF	50 pF			1	NP0 (C0G)
					7500.0	75 pF	100 pF				N750 (U2J)
DB 016030, DB 016040, DB 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	3000.0	200 pF	800 pF	Screw Terminal	1	R85	
					3000.0	1 nF	2.5 nF			R85, R230n/a	
					4000.0	800 pF	800 pF				
DB 030088, DB 030100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	7000.0	1.5 nF	1.5 nF	Screw Terminal	1	R7, R16, R42, R85n/a	
					8000.0	100 pF	1.2 nF			R16, R85, R230	
					10000.0	150 pF	2.5 nF				
DB 045120, DB 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	10000.0	800 pF	4.7 nF	Screw Terminal	1	R16, R42, R85, R230n	
					11000.0	200 pF	3 nF			R85, R230	
					14000.0	1 nF	2.7 nF				
DB 050110, DB 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	15000.0	2 nF	2 nF	Screw Terminal	1	R85	
					20000.0	1 nF	3 nF			R85, R230	
DBF 050166 HQ		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1, R16 HQ Ceramic Dielectric	25000.0	125 pF	125 pF	Screw Terminal	1	R16 HQ	
DBF 050166, DBF 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors With Conductor Rod, Class 1 Ceramic	20000.0	3 nF	3 nF	Screw Terminal	1	n/a	
					25000.0	500 pF	500 pF			R85	
					30000.0	1 nF	2 nF			n/a	

Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric
					40000.0	2 nF	2 nF			
DBZ 012058		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Screw Terminals, Class 1 Ceramic	7500.0	200 pF	200 pF	Screw Terminal	1	R85
DF 016030, DF 016040, DF 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	3000.0	200 pF	1.5 nF	Screw Terminal	1	R85
					4000.0	800 pF	800 pF			
DF 030070, DF 030090, DF 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	7000.0	400 pF	1.5 nF	Screw Terminal	1	R85
DF 045120, DF 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	10000.0	800 pF	4.7 nF	Screw Terminal	1	n/a
					11000.0	200 pF	3 nF			
					14000.0	1 nF	2.7 nF			R85, R230
DS 030070, DS 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	8000.0	500 pF	800 pF	Screw Terminal	1	R85
					12000.0	800 pF	1.8 nF			R85, R230
DS 055100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	12000.0	1 nF	1 nF	Screw Terminal	1	R85
DWA 045120, DWA 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	8000.0	800 pF	2.5 nF	Screw Terminal	1	R42, R85
					10000.0	600 pF	1.5 nF			
					13000.0	400 pF	1.2 nF			
					16000.0	500 pF	1.2 nF			
DWB 045120, DWB 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	8000.0	800 pF	2.5 nF	Screw Terminal	1	R42, R85
					10000.0	600 pF	1.5 nF			
					13000.0	400 pF	1.2 nF			
					16000.0	500 pF	1.2 nF			
FPE 200, FPE 210		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	30000.0	1 nF	1.5 nF	Screw Terminal	1	R85









Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric
FPS 60, FPS 80, FPS 110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Flat Rim, Class 1 Ceramic	3500.0	1 nF	1 nF	Screw Terminal	1	R85n/a
					6000.0	1 nF	1 nF			R85
					7000.0	500 pF	500 pF			R85n/a
					10000.0	500 pF	500 pF			R42, R85n/a
					12000.0	100 pF	300 pF			
FPZ 140, PEZ 140		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	15000.0	1.5 nF	2.5 nF	Screw Terminal	1	R16, R42, R85
					25000.0	1 nF	1 nF			
					27000.0	200 pF	200 pF			
					30000.0	50 pF	800 pF			
P. 70, P. 100, P. 140, P. 200		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 1 Ceramic	11000.0	800 pF	1.6 nF	Screw Terminal / Band Terminal	1	R7, R16, R42, R85
					12000.0	3 nF	3 nF			R7, R16, R42, R85, R
					12000.0	80 pF	6 nF			R7, R16, R42, R85
					13000.0	600 pF	2.5 nF			R7, R16, R42, R85, R
					13000.0	120 pF	5 nF			R7, R16, R42, R85
					14000.0	300 pF	1.6 nF			R7, R16, R42, R85, R
					14000.0	25 pF	3 nF			R7, R16, R42, R85
					15000.0	50 pF	800 pF			
					15000.0	100 pF	400 pF			
					16000.0	3 nF	3 nF			R7, R16, R42, R85, R
PEF 220		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages, Class 1 Ceramic	12000.0	400 pF	6 nF	Screw Terminal	1	R7, R16, R42, R85, R
					13000.0	4 nF	10 nF			
					14000.0	300 pF	1.6 nF			

Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric
					15000.0	7 nF	8 nF			
					16000.0	250 pF	1.2 nF			
					17000.0	3 nF	3 nF			
					18000.0	500 pF	500 pF			
					20000.0	160 pF	6 nF			
PS 20, PS 30, PS 40, PS 55 - Class 1 Ceramic		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 1 Ceramic	5000.0	5.6 pF	2 nF	Screw Terminal	1	R7, R16, R42, R85, N
					7500.0	120 pF	120 pF			
PS 20, PS 30, PS 40, PS 55 - Class 2 Ceramic		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 2 Ceramic	2000.0	27 nF	27 nF	Screw Terminal	2	Y5U (R3500)
					3500.0	1 nF	22 nF			
					4000.0	10 nF	10 nF			
R. 012085, R. 012020		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Mounting Tags, Class 1 Ceramic	2000.0	3 pF	400 pF	Screw Terminal	1	R7, R42, R85
R. 016040, R. 016070		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors With Mounting Tags, Class 1 Ceramic	3000.0	25 pF	1.6 nF	Screw Terminal	1	R7, R16, R42, R85
R. 020080		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Mounting Tags, Class 1 Ceramic	4000.0	60 pF	2 nF	Screw Terminal	1	R7, R42, R85
RD 030100, RD 045120		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Screw Terminals and Mounting Tags, Class 1 Ceramic	7000.0	1.5 nF	1.5 nF	Screw Terminal	1	R7, R16, R42, R85
					8000.0	100 pF	1.2 nF			
					10000.0	800 pF	4.7 nF			R16, R42, R85, R230
					11000.0	200 pF	3 nF			
T. 020030, T. 020050, T. 020080		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	6000.0	100 pF	400 pF	Screw Terminal	1	R7, R16, R42, R85
					7000.0	80 pF	1.2 nF			
					8000.0	10 pF	1 nF			
T. 030090		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags or Screw Terminals, Class 1 Ceramic	9000.0	1.2 nF	1.6 nF	Screw Terminal	1	R7, R16, R42, R85
					10000.0	50 pF	1 nF			


Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric
T. 045090, T. 045120, T. 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	9000.0	2.5 nF	2.5 nF	Screw Terminal	1	R7, R16, R42, R85
					10000.0	60 pF	1.6 nF			R7, R42, R85
					10000.0	1.6 nF	1.6 nF			R7, R16, R42, R85, R
					11000.0	160 pF	500 pF			R7, R42, R85
					11000.0	5 nF	5 nF			R7, R16, R42, R85, R
					12000.0	80 pF	100 pF			R7, R42, R85
					12000.0	2 nF	2 nF			R7, R16, R42, R85, R
					13000.0	50 pF	1 nF			R7, R42, R85
					13000.0	400 pF	1.6 nF			R7, R16, R42, R85, R
					14000.0	60 pF	4 nF			R7, R16, R42, R85, R
T. 050120, T. 050200		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	6000.0	3 nF	6 nF	Screw Terminal	1	R85
					9000.0	2.5 nF	5 nF			
					10000.0	1.6 nF	4 nF			
					12000.0	1 nF	2.5 nF			
T. 085120		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	10000.0	400 pF	4 nF	Screw Terminal	1	R7, R42, R85
					12000.0	250 pF	2.5 nF			
					13000.0	2 nF	2 nF			
					15000.0	100 pF	1.6 nF			
TDFZ 070265		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors for Coupling Purposes, Class 1 Ceramic Dielectric	20000.0	10 nF	10 nF	Screw Terminal	1	R230
TOF 016010, TOS 016010, TOF 025016, TOS 025016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Mounting Tags or Screw Terminals, Class 1 Ceramic	5000.0	1.5 pF	50 pF	Mounting Tags Or Screw Terminal	1	R7, R16, R42, R85
					9000.0	2 pF	100 pF			






Series	Product Image	Type	Technology	Description	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Mounting	Class	Dielectric
TOS 020016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	7500.0	400 pF	2.5 nF	Screw Terminal	2	X7R, Y5U
					7500.0	10 pF	300 pF		1	C0G, U2J, N5600
TOS 030033		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	15000.0	750 pF	1.5 nF	Screw Terminal	2	X7R
					15000.0	10 pF	500 pF		1	C0G, U2J, S3L
TOSZ 114096		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors for Higher Voltages Class 1 Ceramic	40000.0	1 nF	1 nF	Screw Terminal	1	R230
TWIF 085175, TWIF 085215, TWIF 085260		Capacitors, Fixed	Ceramic, Singlelayer	Watercooled RF Power Pot Capacitors Internal Cooling System	14000.0	1 nF	4.7 nF	Screw Terminal	1	R42, R85
TWX, TWXF		Capacitors, Fixed	Ceramic, Singlelayer	Watercooled RF Power Pot Capacitors, External Cooling System	10000.0	10 nF	10 nF	Screw Terminal	1	R7, R16, R42, R85
					12000.0	5 nF	5 nF			
					14000.0	100 pF	10 nF			
					16000.0	4 nF	10 nF			
					18000.0	7.6 nF	10 nF			
					20000.0	3 nF	7.6 nF			
					22500.0	7.5 nF	7.5 nF			
					25000.0	2.5 nF	5 nF			
TWXFZ 106266		Capacitors, Fixed	Ceramic, Singlelayer	Watercooled RF Power Pot Capacitors Internal Cooling System	16000.0	5 nF	5 nF	Screw Terminal	1	R85
					20000.0	4 nF	4 nF			
TWXFZ 140266, TWXFZ 140316, TWXFZ 140376		Capacitors, Fixed	Ceramic, Singlelayer	Watercooled RF Power Pot Capacitors Internal Cooling System	14000.0	10 nF	10 nF	Screw Terminal	1	R85
					20000.0	10 nF	10 nF			
					22500.0	7.5 nF	7.5 nF			
					27000.0	7.5 nF	7.5 nF			


# CAPACITORS - CERAMIC - AUTOMOTIVE

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric						
A...P Series		Capacitors, Fixed	Ceramic, Singlelayer	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial	50.0	100 pF	12 nF	1	C0G						
						100.0	100 pF	12 nF								
						200.0	100 pF	8.2 nF								
						A...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial	50.0	330 pF	1 µF	2	X7R
												100.0	330 pF	470 nF		
200.0	330 pF	180 nF														
AY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial							50.0	100 pF	8.2 nF	1	C0G
												100.0	100 pF	8.2 nF		
						200.0	100 pF	1 nF								
						AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	50.0	470 pF	1 µF	2	X7R
												100.0	470 pF	470 nF		
200.0	330 pF	68 nF														
GA...31G Automotive Extended Bending MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications With Extended Bending Capability	Surface Mount							500.0	470 pF	4.7 nF	2	Y5U
												760.0	470 pF	4.7 nF		
						AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
												440.0	10 pF	47 pF		
												AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC
440.0	68 pF	10 nF														
GA...31G Automotive Extended Bending MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications With Extended Bending Capability	Surface Mount	200.0	100 pF	1 nF	C0G (NP0)							
						500.0	100 pF	3.9 nF								
						630.0	100 pF	12 nF								
						100.0	10 nF	150 nF	X7R							





Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
						200.0	10 nF	470 nF		
GA....31G Automotive MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications	Surface Mount	100.0	22 pF	220 pF	COG (NP0)	
						200.0	56 pF	1 nF		
						500.0	100 pF	3.9 nF		
						630.0	100 pF	12 nF		
						3000.0	39 pF	22 nF		
						100.0	120 pF	33 nF	X7R	
						200.0	330 pF	470 nF		
						630.0	220 pF	1.0 uF		
						50.0	1 nF	220 nF	X8R	
100.0	330 pF	100 nF								
GA....31M, GA....34G Automotive HIFREQ Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive High Frequency Applications	Surface Mount	200.0	0.1 pF	82 pF	D = HIFREQ	
						250.0	0.1 pF	1 nF		
						500.0	0.1 pF	1 nF		
						630.0	1 pF	82 pF		
						1500.0	0.2 pF	5.1 nF		
GA....34G Automotive MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Automotive Applications	Surface Mount	100.0	22 pF	220 pF	COG (NP0)	
						200.0	56 pF	1 nF		
						500.0	100 pF	3.9 nF		
						630.0	100 pF	12 nF		
						3000.0	33 pF	22 nF		
						100.0	120 pF	33 nF	X7R	
						200.0	330 pF	150 nF		
						250.0	330 pF	470 nF		
						630.0	220 pF	1.0 uF		
						50.0	1 nF	220 nF		X8R






Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric						
						100.0	330 pF	100 nF								
GA...EDG Automotive ESD MLCC		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Electro Static Discharge (ESD) Sensitive Automotive Applications	Surface Mount	100.0	1 nF	100 nF		X7R						
						200.0	1 nF	150 nF								
K...G Series		Capacitors, Fixed	Ceramic, Singlelayer	Radial Leaded Multilayer Ceramic Capacitors For Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	100 pF	12 nF	1	C0G						
						100.0	100 pF	12 nF								
						200.0	100 pF	8.2 nF								
												50.0	330 pF	1 µF	2	X7R
												100.0	330 pF	470 nF		
												200.0	330 pF	180 nF		
K...H Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	High Operating Temperature Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	100 pF	12 nF	1	C0G						
						100.0	100 pF	12 nF								
						200.0	100 pF	8.2 nF								
												50.0	10 nF	1 µF	2	X0U
												100.0	10 nF	470 nF		
												200.0	10 nF	180 nF		
K...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	100 pF	8.2 nF	1	C0G						
						100.0	100 pF	8.2 nF								
						200.0	100 pF	1 nF								
												50.0	470 pF	1 µF	2	X7R
												100.0	470 pF	470 nF		
												200.0	330 pF	100 nF		
VJ Safety Certified Capacitors		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Safety Certified Applications	Surface Mount	250.0	10 pF	1 nF		C0G (NP0) (X1 / Y2)						
						250.0	10 pF	390 pF		C0G (NP0) (X2)						
						250.0	100 pF	4.7 nF		X7R (X1 / Y2)						










Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
						250.0	100 pF	12 nF		X7R (X2)
VJ...32 Lead-Bearing Finish MLCCs		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors With Lead-Bearing Finish Termination	Surface Mount	100.0	1 pF	220 pF	C0G (NP0)	
						200.0	1 pF	820 pF		
						500.0	1 pF	3.9 nF		
						630.0	1 pF	12 nF		
						100.0	120 pF	33 nF	X7R	
						200.0	330 pF	470 nF		
						630.0	220 pF	1.0 uF		








## CAPACITORS - CERAMIC - CONSUMER




Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
SMDY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Surface Mount (reflow Soldering)	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
VJ...W1BC Basic Commodity Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Commodity Applications	Surface Mount	100.0	0.5 pF	39 nF		C0G (NP0)
						50.0	1.5 uF	220 uF		X5R
						50.0	100 pF	1 uF		X7R
						100.0	100 pF	47 uF		
						50.0	10 nF	470 nF		
						100.0	10 nF	100 uF		Y5V

# CAPACITORS - CERAMIC - INDUSTRIAL

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
5FAE, 7FAA, 7FAU...		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors, Class 1 and Class 2 Ceramic	Screw Terminal	7500.0	75 pF	100 pF	1	N750 (U2J)
						7500.0	10 pF	50 pF		NP0 (C0G)
						5000.0	500 pF	1 nF	2	X5U
715C..DK...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 2 Ceramic DC Disc Capacitors, 10 kVDC to 40 kVDC / 3.5 kVAC to 14 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	10 nF	20 nF	2	Y5U
						15000.0	1.5 nF	10 nF		
						20000.0	500 pF	6.8 nF		
						30000.0	500 pF	4.7 nF		
						40000.0	300 pF	3.3 nF		
715C..KT...		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Class 1 Ceramic AC and DC Disc Capacitors, 10 kVDC to 50 kVDC / 7 kVAC to 34 kVAC, Screw Terminal Mounting	Screw Terminal	10000.0	560 pF	8 nF	1	N4700
						15000.0	370 pF	5.3 nF		
						20000.0	200 pF	4 nF		
						30000.0	190 pF	2.7 nF		
						40000.0	100 pF	2 nF		
						50000.0	100 pF	1.7 nF		
DB 016030, DB 016040, DB 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	3000.0	200 pF	800 pF	1	R85
						3000.0	1 nF	2.5 nF		R85, R230n/a
						4000.0	800 pF	800 pF		
DB 030088, DB 030100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	10000.0	150 pF	2.5 nF	1	R16, R85, R230
						7000.0	1.5 nF	1.5 nF		R7, R16, R42, R85n/a
						8000.0	100 pF	1.2 nF		








Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
DB 045120, DB 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	10000.0	800 pF	4.7 nF	1	R16, R42, R85, R230n/a
						11000.0	200 pF	3 nF		R85, R230
						14000.0	1 nF	2.7 nF		
DB 050110, DB 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	15000.0	2 nF	2 nF	1	R85
						20000.0	1 nF	3 nF		R85, R230
DBF 050166, DBF 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors With Conductor Rod, Class 1 Ceramic	Screw Terminal	25000.0	500 pF	500 pF	1	R85
						20000.0	3 nF	3 nF		n/a
						30000.0	1 nF	2 nF		
						40000.0	2 nF	2 nF		
DBZ 012058		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Screw Terminals, Class 1 Ceramic	Screw Terminal	7500.0	200 pF	200 pF	1	R85
DF 016030, DF 016040, DF 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	3000.0	200 pF	1.5 nF	1	R85
						4000.0	800 pF	800 pF		
DF 030070, DF 030090, DF 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	7000.0	400 pF	1.5 nF	1	R85
DF 045120, DF 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	14000.0	1 nF	2.7 nF	1	R85, R230
						10000.0	800 pF	4.7 nF		n/a
						11000.0	200 pF	3 nF		
DS 030070, DS 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	Screw Terminal	8000.0	500 pF	800 pF	1	R85
						12000.0	800 pF	1.8 nF		R85, R230
DS 055100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	Screw Terminal	12000.0	1 nF	1 nF	1	R85









Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
DWA 045120, DWA 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	8000.0	800 pF	2.5 nF	1	R42, R85
						10000.0	600 pF	1.5 nF		
						13000.0	400 pF	1.2 nF		
						16000.0	500 pF	1.2 nF		
DWB 045120, DWB 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	8000.0	800 pF	2.5 nF	1	R42, R85
						10000.0	600 pF	1.5 nF		
						13000.0	400 pF	1.2 nF		
						16000.0	500 pF	1.2 nF		
FPS 60, FPS 80, FPS 110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Flat Rim, Class 1 Ceramic	Screw Terminal	10000.0	500 pF	500 pF	1	R42, R85n/a
						12000.0	100 pF	300 pF		R85
						6000.0	1 nF	1 nF		R85n/a
						3500.0	1 nF	1 nF		
						7000.0	500 pF	500 pF		
FPZ 140, PEZ 140		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	Screw Terminal	15000.0	1.5 nF	2.5 nF	1	R16, R42, R85
						25000.0	1 nF	1 nF		
						27000.0	200 pF	200 pF		
						30000.0	50 pF	800 pF		
HVCC Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitors Radial-Leaded Singlelayer Disc	Radial	10000.0	100 pF	2 nF	2	Y6P
						15000.0	100 pF	2 nF		
						20000.0	100 pF	1 nF		
RHK		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Multiplier Sets With Leads, Class 2 Ceramic	Leaded	8000.0	120 pF	1.4 nF	2	R4000 (Y5U)
						10000.0	120 pF	1.4 nF		
SMDY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Surface Mount (reflow Soldering)	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		










Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
TOF 016010, TOS 016010, TOF 025016, TOS 025016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Mounting Tags or Screw Terminals, Class 1 Ceramic	Mounting Tags Or Screw Terminal	5000.0	1.5 pF	50 pF	1	R7, R16, R42, R85
						9000.0	2 pF	100 pF		
TOS 020016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	Screw Terminal	7500.0	10 pF	300 pF	1	C0G, U2J, N5600
						7500.0	400 pF	2.5 nF	2	X7R, Y5U
TOS 030033		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	Screw Terminal	15000.0	10 pF	500 pF	1	C0G, U2J, S3L
						15000.0	750 pF	1.5 nF	2	X7R







## CAPACITORS - CERAMIC - MEDICAL

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
5FAE, 7FAA, 7FAU...		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors, Class 1 and Class 2 Ceramic	Screw Terminal	7500.0	75 pF	100 pF	1	N750 (U2J)
						7500.0	10 pF	50 pF		NP0 (C0G)
						5000.0	500 pF	1 nF	2	X5U
DB 016030, DB 016040, DB 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	3000.0	200 pF	800 pF	1	R85
						3000.0	1 nF	2.5 nF		R85, R230n/a
						4000.0	800 pF	800 pF		
DB 030088, DB 030100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	10000.0	150 pF	2.5 nF	1	R16, R85, R230
						7000.0	1.5 nF	1.5 nF		R7, R16, R42, R85n/a
						8000.0	100 pF	1.2 nF		
DB 045120, DB 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	10000.0	800 pF	4.7 nF	1	R16, R42, R85, R230n/a
						11000.0	200 pF	3 nF		
						14000.0	1 nF	2.7 nF		R85, R230
DB 050110, DB 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	15000.0	2 nF	2 nF	1	R85
						20000.0	1 nF	3 nF		R85, R230
DBF 050166, DBF 050180		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors With Conductor Rod, Class 1 Ceramic	Screw Terminal	25000.0	500 pF	500 pF	1	R85
						20000.0	3 nF	3 nF		
						30000.0	1 nF	2 nF		n/a
						40000.0	2 nF	2 nF		
DBZ 012058		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Screw Terminals, Class 1 Ceramic	Screw Terminal	7500.0	200 pF	200 pF	1	R85

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
DF 016030, DF 016040, DF 016060		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	3000.0	200 pF	1.5 nF	1	R85
						4000.0	800 pF	800 pF		
DF 030070, DF 030090, DF 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	7000.0	400 pF	1.5 nF	1	R85
DF 045120, DF 045155		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	14000.0	1 nF	2.7 nF	1	R85, R230
						10000.0	800 pF	4.7 nF		n/a
						11000.0	200 pF	3 nF		
DS 030070, DS 030110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	Screw Terminal	8000.0	500 pF	800 pF	1	R85
						12000.0	800 pF	1.8 nF		R85, R230
DS 055100		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Band Conductor, Class 1 Ceramic	Screw Terminal	12000.0	1 nF	1 nF	1	R85
DWA 045120, DWA 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	8000.0	800 pF	2.5 nF	1	R42, R85
						10000.0	600 pF	1.5 nF		
						13000.0	400 pF	1.2 nF		
						16000.0	500 pF	1.2 nF		
DWB 045120, DWB 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Feed-Through Capacitors with Conductor Rod, Class 1 Ceramic	Screw Terminal	8000.0	800 pF	2.5 nF	1	R42, R85
						10000.0	600 pF	1.5 nF		
						13000.0	400 pF	1.2 nF		
						16000.0	500 pF	1.2 nF		
FPS 60, FPS 80, FPS 110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Flat Rim, Class 1 Ceramic	Screw Terminal	10000.0	500 pF	500 pF	1	R42, R85n/a
						12000.0	100 pF	300 pF		
						6000.0	1 nF	1 nF		R85
						3500.0	1 nF	1 nF		
						7000.0	500 pF	500 pF		R85n/a


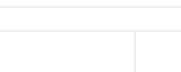
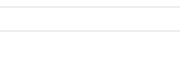
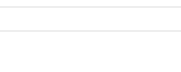
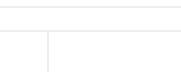

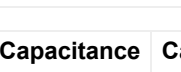
Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
FPZ 140, PEZ 140		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	Screw Terminal	15000.0	1.5 nF	2.5 nF	1	R16, R42, R85
						25000.0	1 nF	1 nF		
						27000.0	200 pF	200 pF		
						30000.0	50 pF	800 pF		
GDMQ		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, With Leads, Class 2 Ceramic	Leaded	8000.0	125 pF	250 pF	2	R2000, R3000
						8000.0	250 pF	250 pF		R2005
						10000.0	500 pF	500 pF		R6000
GFMM		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, with Solder Tags, Class 2 Ceramic	Solder Tags	19000.0	1.3 nF	1.3 nF	2	R4000
						11000.0	2.2 nF	2.2 nF		R6000
GFMQ, GFWQ		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Stacks, with Solder Tags, Class 2 Ceramic	Solder Tags	8000.0	370 pF	500 pF	2	R2005
HVCC Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitors Radial-Leaded Singlelayer Disc	Radial	10000.0	100 pF	2 nF	2	Y6P
						15000.0	100 pF	2 nF		
						20000.0	100 pF	1 nF		
RHK		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitor Multiplier Sets With Leads, Class 2 Ceramic	Leaded	8000.0	120 pF	1.4 nF	2	R4000 (Y5U)
						10000.0	120 pF	1.4 nF		
TOF 016010, TOS 016010, TOF 025016, TOS 025016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Mounting Tags or Screw Terminals, Class 1 Ceramic	Mounting Tags Or Screw Terminal	5000.0	1.5 pF	50 pF	1	R7, R16, R42, R85
						9000.0	2 pF	100 pF		
TOS 020016		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	Screw Terminal	7500.0	10 pF	300 pF	1	C0G, U2J, N5600
						7500.0	400 pF	2.5 nF	2	X7R, Y5U
TOS 030033		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Barrel Capacitors with Screw Terminals, Class 1 and Class 2 Ceramic	Screw Terminal	15000.0	10 pF	500 pF	1	C0G, U2J, S3L
						15000.0	750 pF	1.5 nF	2	X7R




Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
VJ HIFREQ HT Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Temperatures 175 °C / 200 °C	Surface Mount	100.0	0.1 pF	47 pF		D = HIFREQ
						200.0	0.1 pF	270 pF		
						250.0	0.1 pF	1 nF		
						500.0	0.2 pF	3.3 nF		
VJ HIFREQ Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Frequency	Surface Mount	200.0	0.1 pF	82 pF		D = HIFREQ
						250.0	0.1 pF	1 nF		
						500.0	0.1 pF	1 nF		
						1500.0	0.2 pF	3.3 nF		
						3600.0	1 pF	3 nF		
						7200.0	1 pF	12 nF		
VJ Hi-Rel Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Reliability Applications	Surface Mount	100.0	1 pF	180 pF	C0G (NP0)	
						200.0	1 pF	1.5 nF		
						500.0	1 pF	39 nF		
						600.0	1 pF	10 nF		
						6.3	120 nF	150 nF	X5R	
						16.0	27 nF	47 nF		
						100.0	100 pF	100 nF		
						200.0	150 pF	390 nF	X7R	
						500.0	680 pF	270 nF		
VJ Non-Magnetic Series for Reflow Soldering		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Non-Magnetic Applications (Reflow Soldering)	Surface Mount	100.0	1 pF	180 pF	C0G (NP0)	
						200.0	1 pF	1.5 nF		
						500.0	1 pF	12 nF		
						600.0	1 pF	10 nF		
						1000.0	15 pF	39 nF		
						3000.0	27 pF	22 nF		
						6.3	120 nF	150 nF	X5R	
						16.0	27 nF	47 nF		





Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
						100.0	100 pF	100 nF		
						200.0	390 pF	390 nF		
						500.0	680 pF	6.8 uF		
						1000.0	10 nF	2.7 uF		
						2000.0	5.6 nF	4.7 uF		
						3000.0	220 pF	270 nF		

X7R










# CAPACITORS - CERAMIC - MILITARY/AEROSPACE






Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
125L Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y4, 125 VAC	Radial	125.0	1 nF	50 nF	2	Y5V
						400.0	1 nF	50 nF		
20VL Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X2, 400 VAC	Radial	400.0	9 nF	100 nF	2	Y5V
						400.0	10 nF	10 nF		Z5U
25Y Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC / 250 VAC	Radial	250.0	1 nF	8 nF	2	Y5S
						300.0	1 nF	8 nF		
						400.0	1 nF	8 nF		
30LV Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	68 pF	1	C0G, U2J, P3K, R3L, S3L
						400.0	10 pF	68 pF		
						300.0	100 pF	15 nF	2	X7R, Y5U
						400.0	100 pF	15 nF		
30LVS Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 400 VAC, Class Y2, 300 VAC / 250 VAC	Radial	250.0	1 nF	10 nF	2	Y5U
						300.0	1 nF	10 nF		
						400.0	1 nF	10 nF		
						250.0	4.7 nF	10 nF		Y5V
						300.0	4.7 nF	10 nF		
						400.0	4.7 nF	10 nF		
440L Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	10 pF	47 pF	1	C0G, U2J, P3K, R3L
						760.0	10 pF	47 pF		
						500.0	68 pF	20 nF	2	X7R, Y5U
						760.0	68 pF	20 nF		
A Series		Capacitors,	Ceramic,	Axial Leaded Multilayer Ceramic	Axial	50.0	10 pF	10 nF	1	C0G






Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
		Fixed	Multilayer Leaded	Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 200 VDC, 500 VDC		100.0	10 pF	5.6 nF	2	X7R
						200.0	33 pF	2.2 nF		
						500.0	33 pF	1 nF		
						50.0	100 pF	1 µF		
						100.0	100 pF	220 nF		
						200.0	100 pF	47 nF		
						500.0	100 pF	33 nF		
						50.0	10 nF	1 µF		
						100.0	10 nF	220 nF		
A...P Series		Capacitors, Fixed	Ceramic, Singlelayer	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial	50.0	100 pF	12 nF	1	C0G
						100.0	100 pF	12 nF		
						200.0	100 pF	8.2 nF		
						50.0	330 pF	1 µF		
						100.0	330 pF	470 nF		
						200.0	330 pF	180 nF		
A...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Axial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Axial	50.0	100 pF	8.2 nF	1	C0G
						100.0	100 pF	8.2 nF		
						200.0	100 pF	1 nF		
						50.0	470 pF	1 µF		
						100.0	470 pF	470 nF		
						200.0	330 pF	68 nF		
AY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		





Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
						440.0	10 pF	47 pF		
						300.0	68 pF	10 nF	2	Y5S, Y5U, Y5V
						440.0	68 pF	10 nF		
CDR-MIL-PRF-55681		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors MIL Qualified, Type CDR	Surface Mount	100.0	1 pF	22 nF		BP
						50.0	100 pF	10 nF		BR
						100.0	100 pF	56 nF		BX
						50.0	100 pF	470 nF		
						100.0	100 pF	470 nF		
D Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 500 VDC	Radial	100.0	6.8 pF	330 pF	1	N750
						500.0	6.8 pF	330 pF		
						50.0	56 pF	100 pF		
						100.0	56 pF	100 pF		
						500.0	56 pF	100 pF		
						500.0	100 pF	4.7 nF	2	X5F
						500.0	100 pF	4.7 nF		X7R
						50.0	100 pF	10 nF		Y5P
						50.0	1 nF	22 nF	3	Y5V
						100.0	1 nF	22 nF		
						500.0	1 nF	22 nF		
						100.0	1 nF	22 nF	2	Z5U
						50.0	4.7 nF	47 nF	3	Z5V
						100.0	4.7 nF	47 nF		
						DSCC 03028		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 03028
100.0	100 pF	100 nF	BR							
100.0	100 pF	100 nF	BX							

















Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric					
DSCC 03029		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 03029	Surface Mount	100.0	1 pF	180 pF		BP					
						50.0	100 pF	10 nF		BR					
						50.0	100 pF	8.2 nF		BX					
DSCC 05001		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05001	Surface Mount	250.0	1 pF	100 pF		BP					
DSCC 05002		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05002	Surface Mount	250.0	1 pF	100 pF		BP					
DSCC 05003		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors High Frequency DSCC Qualified Type 05002	Surface Mount	100.0	1 pF	27 pF		BP					
DSCC 05006		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 05006	Surface Mount	200.0	1 pF	3.3 nF		BP					
						100.0	100 pF	220 nF		BR					
						100.0	100 pF	180 nF		BX					
DSCC 05007		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors DSCC Qualified Type 05007	Surface Mount	200.0	1 pF	6.8 nF		BP					
						100.0	820 pF	470 nF		BR					
						100.0	820 pF	470 nF		BX					
F Series		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Disc DC Capacitors Class 2, Low Loss (0.2 %), 500 VDC, 1 kVDC, 2 kVDC and 3 kVDC	Radial	1000.0	100 pF	2.2 nF	1	S3N					
						2000.0	100 pF	4.7 nF							
						3000.0	100 pF	2.7 nF							
														2	Y5R
						500.0	100 pF	2.7 nF							
						1000.0	100 pF	4.7 nF							
FPE 200, FPE 210		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	Screw Terminal	30000.0	1 nF	1.5 nF	1	R85					
FPS 60, FPS 80, FPS 110		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Flat Rim, Class 1 Ceramic	Screw Terminal	10000.0	500 pF	500 pF	1	R42, R85n/a					
						12000.0	100 pF	300 pF							








Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric		
						6000.0	1 nF	1 nF			R85	
FPZ 140, PEZ 140		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages Class 1 Ceramic	Screw Terminal	3500.0	1 nF	1 nF	1	R16, R42, R85		
						7000.0	500 pF	500 pF			R85n/a	
						15000.0	1.5 nF	2.5 nF				
						25000.0	1 nF	1 nF				
HPC, HPD		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Disc Capacitors, 20 kVDC Screw Mounting, Class 2 Ceramic	Screw Mounting	27000.0	200 pF	200 pF	2	R2000H		
						30000.0	50 pF	800 pF				
HR22, HR30, HR35		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ring Style Capacitors, Class 1 and Class 2 Ceramic	Screw Terminal	20000.0	350 pF	5 nF	2	R2000H (Z5U)		
						2800.0	750 pF	1 nF				
						3500.0	1.5 nF	1.5 nF				
						2000.0	5 nF	5 nF				
						2800.0	2 nF	5 nF				
						5600.0	2.5 nF	2.5 nF				
HV High Voltage Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitor Solutions for High Voltage Applications	Surface Mount	3500.0	100 pF	100 pF	1	R85 (U2J)		
						1500.0	10 pF	120 pF				
						2000.0	10 pF	120 pF				
						3000.0	27 pF	220 pF				
						X7R	5000.0	15 pF	3.3 nF			
										1500.0	33 nF	560 nF
										2000.0	270 pF	10 nF
										6000.0	47 pF	100 nF
HVCC Series		Capacitors, Fixed	Ceramic, Singlelayer	High Voltage Ceramic Capacitors Radial-Leaded Singlelayer Disc	Radial	8000.0	470 pF	390 nF	2	Y6P		
						10000.0	100 pF	2 nF				
						15000.0	100 pF	2 nF				
20000.0	100 pF	1 nF										



Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric						
K Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for General Purpose Class 1, Class 2 and Class 3, 50 VDC, 100 VDC, 200 VDC, 500 VDC	Radial	50.0	10 pF	10 nF	1	C0G						
						100.0	10 pF	5.6 nF								
						200.0	33 pF	3.9 nF								
						500.0	33 pF	1.8 nF								
						K...G Series		Capacitors, Fixed	Ceramic, Singlelayer	Radial Leaded Multilayer Ceramic Capacitors For Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	100 pF	12 nF	1	C0G
												100.0	100 pF	12 nF		
												200.0	100 pF	8.2 nF		
												K...H Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	High Operating Temperature Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications, 50 VDC, 100 VDC, 200 VDC
						100.0	330 pF	470 nF								
						200.0	330 pF	180 nF	1	C0G						
50.0	10 nF	1 μF														
100.0	10 nF	470 nF														
200.0	10 nF	180 nF														
K...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	100 pF	8.2 nF	1	C0G						
						100.0	100 pF	8.2 nF								
						200.0	100 pF	1 nF								
						K...R Series		Capacitors, Fixed	Ceramic, Multilayer Leaded	Radial Leaded Multilayer Ceramic Capacitors for Automotive Applications Class 1 and Class 2, 50 VDC, 100 VDC, 200 VDC	Radial	50.0	470 pF	1 μF	2	X7R
												100.0	470 pF	470 nF		

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
MIL-PRF-123		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors MIL Qualified, Type MIL-123	Surface Mount	200.0	330 pF	100 nF		BP
						50.0	1.1 nF	10 nF		
						100.0	1 pF	22 nF		
						50.0	120 nF	470 nF		
P. 70, P. 100, P. 140, P. 200		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 1 Ceramic	Screw Terminal / Band Terminal	11000.0	800 pF	1.6 nF	1	R7, R16, R42, R85
						12000.0	80 pF	6 nF		
						13000.0	120 pF	5 nF		
						14000.0	25 pF	3 nF		
						15000.0	50 pF	800 pF		
						12000.0	3 nF	3 nF		R7, R16, R42, R85, R230
						13000.0	600 pF	2.5 nF		
						14000.0	300 pF	1.6 nF		
						15000.0	100 pF	400 pF		
						16000.0	3 nF	3 nF		
PEF 220		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors for Higher Voltages, Class 1 Ceramic	Screw Terminal	12000.0	400 pF	6 nF	1	R7, R16, R42, R85, R230
						13000.0	4 nF	10 nF		
						14000.0	300 pF	1.6 nF		
						15000.0	7 nF	8 nF		
						16000.0	250 pF	1.2 nF		
						17000.0	3 nF	3 nF		
						18000.0	500 pF	500 pF		
						20000.0	160 pF	6 nF		
PS 20, PS 30, PS 40, PS 55 - Class 1 Ceramic		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 1 Ceramic	Screw Terminal	5000.0	5.6 pF	2 nF	1	R7, R16, R42, R85, N2200
						7500.0	120 pF	120 pF		

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
PS 20, PS 30, PS 40, PS 55 - Class 2 Ceramic		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Plate Capacitors with Contoured Rim, Class 2 Ceramic	Screw Terminal	2000.0	27 nF	27 nF	2	Y5U (R3500)
						3500.0	1 nF	22 nF		
						4000.0	10 nF	10 nF		
R. 012085, R. 012020		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	2000.0	3 pF	400 pF	1	R7, R42, R85
R. 016040, R. 016070		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors With Mounting Tags, Class 1 Ceramic	Screw Terminal	3000.0	25 pF	1.6 nF	1	R7, R16, R42, R85
R. 020080		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	4000.0	60 pF	2 nF	1	R7, R42, R85
RD 030100, RD 045120		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Tubular Capacitors with Screw Terminals and Mounting Tags, Class 1 Ceramic	Screw Terminal	10000.0	800 pF	4.7 nF	1	R16, R42, R85, R230
						11000.0	200 pF	3 nF		
						7000.0	1.5 nF	1.5 nF		
						8000.0	100 pF	1.2 nF		
S Series Gap-Kap		Capacitors, Fixed	Ceramic, Singlelayer	Ceramic Singlelayer DC Disc Capacitors (Straight Leads) Gap-Kap, 1 kVDC to 3 kVDC	Radial	1000.0	0.75 pF	22 nF	2	Z5P, Z5U
						1500.0	0.75 pF	22 nF		
						3000.0	0.75 pF	22 nF		
T. 020030, T. 020050, T. 020080		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	6000.0	100 pF	400 pF	1	R7, R16, R42, R85
						7000.0	80 pF	1.2 nF		
						8000.0	10 pF	1 nF		
T. 030090		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags or Screw Terminals, Class 1 Ceramic	Screw Terminal	9000.0	1.2 nF	1.6 nF	1	R7, R16, R42, R85
						10000.0	50 pF	1 nF		
T. 045090, T. 045120, T. 045150		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	9000.0	2.5 nF	2.5 nF	1	R7, R16, R42, R85, R230
						10000.0	60 pF	1.6 nF		
						11000.0	5 nF	5 nF		
						12000.0	2 nF	2 nF		
						13000.0	400 pF	1.6 nF		
14000.0	60 pF	4 nF								



Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric	
						10000.0	1.6 nF	1.6 nF			
T. 050120, T. 050200		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	11000.0	160 pF	500 pF	1	R7, R42, R85	
						12000.0	80 pF	100 pF			
						13000.0	50 pF	1 nF			
						6000.0	3 nF	6 nF			
T. 085120		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors with Mounting Tags, Class 1 Ceramic	Screw Terminal	9000.0	2.5 nF	5 nF	1	R85	
						10000.0	1.6 nF	4 nF			
						12000.0	1 nF	2.5 nF			
						10000.0	400 pF	4 nF			1
12000.0	250 pF	2.5 nF									
13000.0	2 nF	2 nF									
15000.0	100 pF	1.6 nF									
TDFZ 070265		Capacitors, Fixed	Ceramic, Singlelayer	RF Power Pot Capacitors for Coupling Purposes, Class 1 Ceramic Dielectric	Screw Terminal	20000.0	10 nF	10 nF	1	R230	
VJ Hi-Rel Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for High Reliability Applications	Surface Mount	100.0	1 pF	180 pF	1	C0G (NP0)	
						200.0	1 pF	1.5 nF			
						500.0	1 pF	39 nF			
						600.0	1 pF	10 nF			
						6.3	120 nF	150 nF			X5R
						16.0	27 nF	47 nF			
						100.0	100 pF	100 nF	X7R		
						200.0	150 pF	390 nF			
						500.0	680 pF	270 nF			
VJ....32 Lead-Bearing Finish MLCCs		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors With Lead-Bearing Finish Termination	Surface Mount	100.0	1 pF	220 pF	1	C0G (NP0)	
						200.0	1 pF	820 pF			
						500.0	1 pF	3.9 nF			

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
						630.0	1 pF	12 nF		X7R
						100.0	120 pF	33 nF		
						200.0	330 pF	470 nF		
						630.0	220 pF	1.0 uF		
VKO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	1 nF	4.7 nF	2	Y5U
						440.0	1 nF	4.7 nF		
VKP Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
VY1 Compact Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
VY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	10 pF	22 pF	1	U2J
						760.0	10 pF	22 pF		
						500.0	33 pF	4.7 nF	2	Y5S, Y5U, Y5V
						760.0	33 pF	4.7 nF		
VY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
						440.0	10 pF	47 pF		
						300.0	68 pF	10 nF	2	Y5S, Y5U, Y5V
						440.0	68 pF	10 nF		
W1X Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 275 VAC	Radial	275.0	4.7 nF	22 nF	2	Y5V
WKO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	33 pF	47 pF	1	N750
						440.0	33 pF	47 pF		
						300.0	68 pF	4.7 nF	2	Y5S, Y5T, Y5U
						440.0	68 pF	4.7 nF		



Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
WKP Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	33 pF	33 pF	1	N750
						760.0	33 pF	33 pF		
						500.0	47 pF	4.7 nF	2	Y5S, Y5T, Y5U
						760.0	47 pF	4.7 nF		
WYO Series		Capacitors, Fixed	Ceramic, Singlelayer	EMI Suppression Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 250 VAC	Radial	250.0	1 nF	12 nF	2	Y5U
						440.0	1 nF	12 nF		



## CAPACITORS - CERAMIC - TELECOMMUNICATIONS

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Dielectric
VJ...W1BC Basic Commodity Series		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Commodity Applications	Surface Mount	100.0	0.5 pF	39 nF	C0G (NP0)
						50.0	1.5 uF	220 uF	X5R
						50.0	100 pF	1 uF	X7R
						100.0	100 pF	47 uF	
						50.0	10 nF	470 nF	Y5V
						100.0	10 nF	100 uF	
VJ...W1BC Ultra High Q/Low ESR		Capacitors, Fixed	MLCC	Surface Mount Multilayer Ceramic Chip Capacitors for Ultra High Q Commodity Applications	Surface Mount	50.0	0.1 pF	33 pF	Ultra High Q
						100.0	0.1 pF	22 pF	
						250.0	0.3 pF	100 pF	

## CAPACITORS - CERAMIC - HEV/EV

Series	Product Image	Type	Technology	Description	Mounting	Voltage (V)	Capacitance (min.)	Capacitance (max.)	Class	Dielectric
AY1 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 760 VAC, Class Y1, 500 VAC	Radial	500.0	470 pF	4.7 nF	2	Y5U
						760.0	470 pF	4.7 nF		
AY2 Series		Capacitors, Fixed	Ceramic, Singlelayer	Automotive Grade EMI Suppression Safety Capacitor, Ceramic Disc, Class X1, 440 VAC, Class Y2, 300 VAC	Radial	300.0	10 pF	47 pF	1	U2J
						440.0	10 pF	47 pF		
						300.0	68 pF	10 nF	2	Y5S, Y5U, Y5V
						440.0	68 pF	10 nF		

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