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## INDUCTORS - IHLP – POWER INDUCTORS (COMMERCIAL/INDUSTRIAL)












Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHLM-2525CZ-01		Low Profile, High Current Inductors - Special Molding	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLM-2525CZ-06		Low Profile, Power Inductors - DC Resistance Tolerance 10 % - Special Molding	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLM-2525CZ-07		Low Profile, Power Inductors - DC Resistance Tolerance 5 % - Special Molding	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLP-1212AB-01		Low Profile IHLP® Power Inductor 3.6 x 3.2 x 1.2	0.1	1.2	3810.0	10480.0	1212 (1.2 mm)	-55 to +125
IHLP-1212AB-11		IHLP® Commercial Inductors, Low DCR Series 3.6 x 3.2 x 1.2	0.22	1.0	4000.0	9300.0	1212 (1.2 mm)	-55 to +125
IHLP-1212AE-11								
IHLP-1212AZ-01		Low Profile IHLP® Power Inductor 3.6 x 3.2 x 1.0	0.1	1.0	3470.0	10500.0	1212 (1.0 mm)	-55 to +125
IHLP-1212BZ-01		Low Profile IHLP® Power Inductor 3.6 x 3.2 x 2.0	0.1	3.3	3300.0	11020.0	1212 (2.0 mm)	-55 to +125
IHLP-1212BZ-11		IHLP® Commercial Inductors, Low DCR Series 3.6 x 3.2 x 2.0	0.22	3.3	2700.0	6500.0	1212 (2.0 mm)	-55 to +125
IHLP-1616AB-01		Low Profile IHLP® Power Inductor 4.7 x 4.3 x 1.2	0.047	1.0	4000.0	13000.0	1616 (1.2 mm)	-55 to +125
IHLP-1616AB-11		IHLP® Commercial Inductors, Low DCR Series 4.7 x 4.3 x 1.2	0.1	2.2	2750.0	12000.0	1616 (1.2 mm)	-55 to +125











Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHLP-1616BZ-01		Low Profile IHLP® Power Inductor 4.7 x 4.3 x 2.0	0.1	2.2	2850.0	16000.0	1616 (2.0 mm)	-55 to +125
IHLP-1616BZ-0H		Low Profile IHLP® Power Inductor 4.7 x 4.3 x 2.0	0.1	1.0	6100.0	14000.0	1616 (2.0 mm)	-55 to +125
IHLP-1616BZ-11		IHLP® Commercial Inductors, Low DCR Series 4.7 x 4.3 x 2.0	0.1	4.7	1700.0	12000.0	1616 (2.0 mm)	-55 to +125
IHLP-2020AB-01		Low Profile IHLP® Power Inductor 5.7 x 5.4 x 1.2	0.1	4.7	2200.0	13500.0	2020 (1.2 mm)	-55 to +125
IHLP-2020BZ-01		Low Profile IHLP® Power Inductor 5.7 x 5.4 x 2.0	0.1	10.0	2300.0	17000.0	2020 (2.0 mm)	-55 to +125
IHLP-2020BZ-11		IHLP® Commercial Inductors, Low DCR Series 5.7 x 5.4 x 2.0	0.1	10.0	2200.0	21000.0	2020 (2.0 mm)	-55 to +125
IHLP-2020CZ-01		Low Profile IHLP® Power Inductor 5.7 x 5.4 x 3.0	0.1	15.0	1900.0	23000.0	2020 (3.0 mm)	-55 to +125
IHLP-2020CZ-11		IHLP® Commercial Inductors, Low DCR Series 5.7 x 5.4 x 3.0	0.1	22.0	2120.0	26300.0	2020 (3.0 mm)	-55 to +125
IHLP-2525AH-01		Low Profile IHLP® Power Inductor 7.2 x 6.7 x 1.8	0.1	4.7	3000.0	18000.0	2525 (1.8 mm)	-55 to +125
IHLP-2525BD-01		Low Profile IHLP® Power Inductor 7.2 x 6.7 x 2.4	0.1	10.0	2500.0	30000.0	2525 (2.4 mm)	-55 to +125
IHLP-2525CZ-01		Low Profile IHLP® Power Inductor 7.2 x 6.7 x 3.0	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLP-2525CZ-06		IHLP® Commercial Inductors, High Saturation Series, 10 % DCR Tolerance 7.2 x 6.7 x 3.0	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLP-2525CZ-07		IHLP® Commercial Inductors, High Saturation Series, 5 % DCR Tolerance 7.2 x 6.7 x 3.0	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	-55 to +125
IHLP-2525CZ-11		IHLP® Commercial Inductors, Low DCR Series 7.2 x 6.7 x 3.0	1.0	22.0	2900.0	12500.0	2525 (3.0 mm)	-55 to +125
IHLP-2525EZ-01		Low Profile IHLP® Power Inductor 7.2 x 6.7 x 5.0	0.56	10.0	4500.0	20000.0	2525 (5.0 mm)	-55 to +125

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHLP-3232CZ-01		Low Profile IHLP® Power Inductor 8.0 x 8.0 x 3.0	0.22	10.0	4700.0	32000.0	3232 (3.0 mm)	-55 to +125
IHLP-3232CZ-11		IHLP® Commercial Inductors, Low DCR Series 8.0 x 8.0 x 3.0	0.22	33.0	3100.0	36000.0	3232 (3.0 mm)	-55 to +125
IHLP-3232DZ-01		Low Profile IHLP® Power Inductor 8.0 x 8.0 x 4.0	0.22	10.0	5200.0	30700.0	3232 (4.0 mm)	-55 to +125
IHLP-3232DZ-11		IHLP® Commercial Inductors, Low DCR Series 8.0 x 8.0 x 4.0	0.22	33.0	3200.0	34000.0	3232 (4.0 mm)	-55 to +125
IHLP-4040DZ-01		Low Profile IHLP® Power Inductor 11.5 x 10.3 x 4.0	0.19	22.0	4600.0	40000.0	4040 (4.0 mm)	-55 to +125
IHLP-4040DZ-11		IHLP® Commercial Inductors, Low DCR Series 11.5 x 10.3 x	0.19	100.0	2500.0	40000.0	4040 (4.0 mm)	-55 to +125
IHLP-5050CE-01		Low Profile IHLP® Power Inductor 13.6 x 12.9 x 3.5	0.1	10.0	7000.0	43000.0	5050 (3.5 mm)	-55 to +125
IHLP-5050CE-06		IHLP® Commercial Inductors, High Saturation Series, 10 % DCR Tolerance 13.6 x 12.9 x 3.5	0.6	10.0	7000.0	29000.0	5050 (3.5 mm)	-55 to +125
IHLP-5050CE-07		IHLP® Commercial Inductors, High Saturation Series, 5 % DCR Tolerance 13.6 x 12.9 x 3.5	0.6	10.0	7000.0	29000.0	5050 (3.5 mm)	-55 to +125
IHLP-5050EZ-01		Low Profile IHLP® Power Inductor 13.6 x 12.9 x 5.0	0.1	10.0	9000.0	55000.0	5050 (5.0 mm)	-55 to +125
IHLP-5050FD-01		Low Profile IHLP® Power Inductor 13.6 x 12.9 x 6.5 / 6.4	0.1	10.0	10000.0	60000.0	5050 (6.5 mm / 6.4 mm)	-55 to +125
IHLP-6767DZ-01		Low Profile IHLP® Power Inductor 17.9 x 17.1 x 4.0	0.22	10.0	10500.0	75000.0	6767 (4.0 mm)	-55 to +125
IHLP-6767DZ-11		IHLP® Commercial Inductors, Low DCR Series 17.9 x 17.1 x 4.0	1.0	47.0	5000.0	41000.0	6767 (4.0 mm)	-55 to +125
IHLP-6767GZ-01		Low Profile IHLP® Power Inductor 17.9 x 17.1 x 7.0	0.22	22.0	11000.0	80000.0	6767 (7.0 mm)	-55 to +125
IHLP-6767GZ-11		IHLP® Commercial Inductors, Low DCR Series 17.9 x 17.1 x 7.0	0.33	100.0	5000.0	75500.0	6767 (7.0 mm)	-55 to +125
IHLW-4040CF-11		Low Profile, High Current Inductor - Winged Terminals	0.1	2.2	16000.0	55000.0	4040 (3.6 mm)	-55 to +125
IHLW-5050CE-01		Low Profile, High Current Inductors - Winged Terminals	0.1	10.0	7000.0	43000.0	5050 (3.5 mm)	-55 to +125











Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHSR-1616AB-01		Commercial Power Inductors, Ultra Low DCR, High Saturation Series	0.033	0.068	22000.0	37000.0	1616	-55 to +125

# INDUCTORS - IHLP – POWER INDUCTORS – HI TEMPERATURE APPLICATIONS














Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Operating Temperature (°C)
IHLE-2525CD-51		IHLE® High Current Inductors With E-Field Shield	0.47	22.0	2800.0	20000.0	-55 to +155
IHLE-3232DD-51		IHLE® High Current Inductors With E-Field Shield	0.22	33.0	3100.0	36000.0	-55 to +155
IHLE-4040DD-51		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2400.0	30000.0	-55 to +155
IHLE-5050FH-51		IHLE® High Current Inductors With E-Field Shield	0.33	100.0	3100.0	62000.0	-55 to +155
IHLP-1212AB-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 1.2	0.1	1.2	3980.0	11500.0	-55 to +155
IHLP-1212AZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 1.0	0.1	1.0	3590.0	11130.0	-55 to +155
IHLP-1212BZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 2.0	0.1	3.3	3260.0	12260.0	-55 to +155
IHLP-1616BZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 4.7 x 4.3 x 2.0	0.1	4.7	3200.0	17300.0	-55 to +155
IHLP-2020BZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 5.7 x 5.4 x 2.0	0.47	22.0	1620.0	13430.0	-55 to +155
IHLP-2020CZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 5.7 x 5.4 x 3.0	0.22	15.0	2400.0	18000.0	-55 to +155
IHLP-2525CZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 7.2 x 6.7 x 3.0	0.33	22.0	2800.0	22000.0	-55 to +155















Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Operating Temperature (°C)
IHLP-3232DZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 8.0 x 8.0 x 4.0	0.22	47.0	2400.0	36000.0	-55 to +155
IHLP-4040DZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 11.5 x 10.3 x 4.0	0.47	68.0	2400.0	30000.0	-55 to +155
IHLP-5050FD-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 13.6 x 12.9 x 6.5 / 6.4	0.22	100.0	3100.0	66000.0	-55 to +155
IHLP-6767GZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 17.9 x 17.1 x 7.0	0.47	47.0	7250.0	65000.0	-55 to +155
IHLP-7575GZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series x 7.0	0.56	33.0	10200.0	61000.0	-55 to +155
IHLP-8787MZ-51		IHLP® Commercial Inductors, High Temperature (155 °C) Series 22.0 x 22.1 x 13.0	0.47	100.0	9100.0	80000.0	-55 to +155
IHSR-2525CZ-51		Commercial Inductors, Ultra Low DCR, High Temperature (155 °C) Series	0.056	0.1	46000.0	58000.0	-55 to +155
IHSR-4040DZ-51		Commercial Inductors, High Temperature (155 °C) Series	0.13	0.13	72000.0	72000.0	-55 to +155
TJ3-HT		Toroid, High Current, High Temperature, Radial Leaded	0.39	100.0	2250.0	32000.0	-55 to +200
TJ5-HT		Toroid, High Current, High Temperature, Radial Leaded	0.47	470.0	2800.0	36000.0	-55 to +200












## INDUCTORS - TIN/LEAD AND SPACE POWER INDUCTORS

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
SGIHLP-97OZ-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.47	100.0	9100.0	80000.0	8100	9.1	80.0	-55 to +180
SGIHLP-73HF-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.47	47.0	7250.0	65000.0		7.25	65.0	-55 to +180
SGIHLP-60HE-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.22	22.0	8300.0	53600.0		8.3	53.6	-55 to +180
SGIHLP-48FA-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.47	68.0	2400.0	30000.0		2.4	30.0	-55 to +180
SGIHLP-41FA-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.22	33.0	3100.0	36000.0		3.1	36.0	-55 to +180
SGIHLP-34EB-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.1	22.0	2800.0	33000.0		2.8	33.0	-55 to +180
SGIHLP-24DC-8		SGIHLP® - Space Grade (MIL-STD-981 Compliant) IHLP® Inductors	0.22	15.0	2400.0	18000.0		2.4	18.0	-55 to +180
IHLP-8787MZ-8L		IHLP® Tin/Lead Inductors, High Temperature (180 °C) Series	0.47	100.0	9100.0	80000.0	8787 (13.0 mm)	9.1	80.0	-55 to +180
IHLP-8787MZ-5L		IHLP® Tin/Lead Inductors, High Temperature (155 °C) Series	0.47	100.0	9100.0	80000.0	8787 (13.0 mm)	9.1	80.0	-55 to +155
IHLP-6767GZ-L1		IHLP® Tin / Lead Inductors, High Saturation Series	0.22	22.0	11000.0	80000.0	6767 (7.0 mm)	11.0	80.0	-55 to +125







Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHLP-6767GZ-5L		IHLP® Tin / Lead Inductors, High Temperature (155 °C) Series								
IHLP-6767GZ-1L		IHLP® Tin / Lead Inductors, Low DCR Series								
IHLP-6767DZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.22	10.0	10500.0	75000.0	6767 (4.0 mm)	10.5	75.0	-55 to +125
IHLP-6767DZ-1L		IHLP® Tin/Lead Inductors, Low DCR Series	1.0	47.0	5000.0	41000.0	6767 (4.0 mm)	5.0	41.0	-55 to +125
IHLP-5050FD-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	10.0	10000.0	60000.0	5050 (6.5 mm / 6.4 mm)	10.0	60.0	-55 to +125
IHLP-5050FD-5L		IHLP® Tin/Lead Inductors, High Temperature (155 °C) Series	1.0	22.0	8300.0	40000.0	5050 (6.5 mm / 6.4 mm)	8.3	40.0	-55 to +155
IHLP-5050EZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	10.0	9000.0	55000.0	5050 (5.0 mm)	9.0	55.0	-55 to +125
IHLP-5050CE-L7		IHLP® Tin/Lead Inductors, High Saturation Series, 5 % DCR Tolerance	0.6	10.0	7000.0	29000.0	5050 (3.5 mm)	7.0	29.0	-55 to +125
IHLP-5050CE-L6		IHLP® Tin/Lead Inductors, High Saturation Series, 10 % DCR Tolerance	0.6	10.0	7000.0	29000.0	5050 (3.5 mm)	7.0	29.0	-55 to +125
IHLP-5050CE-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	10.0	7000.0	229000.0	5050 (3.5 mm)	7.0	229.0	-55 to +125
IHLP-4040DZ-L1		IHLP® Tin / Lead Inductors, High Saturation Series	0.19	22.0	4600.0	40000.0	4040 (4.0 mm)	4.6	40.0	-55 to +125
IHLP-4040DZ-5L		IHLP® Tin / Lead Inductors, High Temperature (155 °C) Series	0.47	68.0	2400.0	30000.0	4040 (4.0 mm)	2.4	30.0	-55 to +155
IHLP-4040DZ-1L		IHLP® Tin / Lead Inductors, Low DCR Series	0.19	100.0	2500.0	40000.0	4040 (4.0 mm)	2.5	40.0	-55 to +125











Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHLP-3232DZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.22	10.0	5200.0	30700.0	3232 (4.0 mm)	5.2	30.7	-55 to +125
IHLP-3232DZ-5L		IHLP® Tin/Lead Inductors, High Temperature (155 °C) Series	0.22	47.0	2400.0	36000.0	3232 (4.0 mm)	2.4	36.0	-55 to +155
IHLP-3232DZ-1L		IHLP® Tin / Lead Inductors, Low DCR Series	0.22	33.0	3200.0	34000.0	3232 (4.0 mm)	3.2	34.0	-55 to +125
IHLP-3232CZ-L1		IHLP® Tin / Lead Inductors, High Saturation Series	0.22	10.0	4700.0	32000.0	3232 (3.0 mm)	4.7	32.0	-55 to +125
IHLP-3232CZ-1L		IHLP® Tin/Lead Inductors, Low DCR Series	0.22	33.0	3100.0	36000.0	3232 (3.0 mm)	3.1	36.0	-55 to +125
IHLP-2525EZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.56	10.0	4500.0	20000.0	2525 (5.0 mm)	4.5	20.0	-55 to +125
IHLP-2525CZ-L7		IHLP® Tin / Lead Inductors, High Saturation Series, 5 % DCR Tolerance	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5	-55 to +125
IHLP-2525CZ-L6		IHLP® Tin / Lead Inductors, High Saturation Series, 10 % DCR Tolerance	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5	-55 to +125
IHLP-2525CZ-L1		IHLP® Tin / Lead Inductors, High Saturation Series								
IHLP-2525CZ-5L		IHLP® Tin/Lead Inductors, High Temperature (155 °C) Series	0.33	22.0	2800.0	22000.0	2525 (3.0 mm)	2.8	22.0	-55 to +155
IHLP-2525CZ-1L		IHLP® Tin / Lead Inductors, Low DCR Series	1.0	22.0	2900.0	12500.0	2525 (3.0 mm)	2.9	12.5	-55 to +125
IHLP-2525BD-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	10.0	2500.0	30000.0	2525 (2.4 mm)	2.5	30.0	-55 to +125
IHLP-2525AH-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	4.7	3000.0	18000.0	2525 (1.8 mm)	3.0	18.0	-55 to +125
IHLP-2020CZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	15.0	1900.0	23000.0	2020 (3.0 mm)	1.9	23.0	-55 to +125



Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHLP-2020CZ-1L		IHLP® Tin/Lead Inductors, Low DCR Series	0.1	22.0	2120.0	26300.0	2020 (3.0 mm)	2.12	26.3	-55 to +125
IHLP-2020BZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	10.0	2300.0	17000.0	2020 (2.0 mm)	2.3	17.0	-55 to +125
IHLP-2020BZ-1L		IHLP® Tin/Lead Inductors, Low DCR Series	0.1	10.0	2200.0	21000.0	2020 (2.0 mm)	2.2	21.0	-55 to +125
IHLP-1616BZ-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.1	2.2	2850.0	13000.0	1616	2.85	13.0	-55 to +125
IHLP-1616BZ-5L		IHLP® Tin / Lead Inductors, High Temperature (155 °C) Series								
IHLP-1616BZ-1L		IHLP® Tin/Lead Inductors, Low DCR Series	0.1	4.7	1700.0	12000.0	1616 (2.0 mm)	1.7	12.0	-55 to +125
IHLP-1616AB-L1		IHLP® Tin/Lead Inductors, High Saturation Series	0.047	1.0	4000.0	13000.0	1616	4.0	13.0	-55 to +125
IHLP-1616AB-1L		IHLP® Tin/Lead Inductors, Low DCR Series	0.1	2.2	2750.0	12000.0	1616	2.75	12.0	-55 to +125
IHLM-2525CZ-L7		Tin / Lead, 5 % DCR Tolerance, Low Profile, Power Inductor	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5	-55 to +125
IHLM-2525CZ-L6		Tin / Lead, 10 % DCR Tolerance, Low Profile, Power Inductor	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5	-55 to +125
IHLM-2525CZ-L1		Tin/Lead, Molded, Low Profile, Power Inductors	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5	-55 to +125

## INDUCTORS - IHSM- MEDIUM POWER INDUCTORS

Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature ( $^{\circ}$ C)
IHSM-3825		High Current, Surface Mount Inductors - Wirewound Molded	1.0	1000.0	160.0	5110.0	3825	0.16	5.11	-55 to +125
IHSM-4825		High Current, Surface Mount Inductors - Wirewound Molded	1.0	1000.0	240.0	8600.0	4825	0.24	8.6	-55 to +125
IHSM-5832		High Current, Surface-Mount Inductors - Wirewound Molded	1.0	4700.0	140.0	9000.0	5832	0.14	9.0	-55 to +125
IHSM-7832		High Current, Surface Mount Inductors - Wirewound Molded	1.0	18000.0	110.0	9000.0	7832	0.11	9.0	-55 to +125




# INDUCTORS - COUPLED INDUCTORS, DUAL INDUCTORS

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHCL-4040DZ-51 10 μH		Low-Profile, High-Current Coupled Inductor	0.0	36.0	2900.0	7500.0	4040	2.9	7.5	-55 to +155
IHCL-4040DZ-51 15 μH		Low-Profile, High-Current Coupled Inductor	0.0	61.0	2300.0	5500.0	4040	2.3	5.5	-55 to +155
IHCL-4040DZ-51 2.2 μH		Low-Profile, High-Current Coupled Inductor	0.1	9.0	5400.0	13300.0	4040	5.4	13.3	-55 to +155
IHCL-4040DZ-51 2.7 μH		Low-Profile, High-Current Coupled Inductor	0.1	10.8	6000.0	13250.0	4040	6.0	13.25	-55 to +155
IHCL-4040DZ-51 4.7 μH		Low-Profile, High-Current Coupled Inductor	0.0	19.0	4000.0	10000.0	4040	4.0	10.0	-55 to +155
IHCL-4040DZ-5A 10 μH		Low-Profile, High-Current Coupled Inductor	0.0	36.0	2900.0	7500.0	4040	2.9	7.5	-55 to +155
IHCL-4040DZ-5A 15 μH		Low-Profile, High-Current Coupled Inductor	0.0	61.0	2300.0	5500.0	4040	2.3	5.5	-55 to +155
IHCL-4040DZ-5A 2.2 μH		Low Profile, High Current Coupled Inductor	0.1	9.0	5400.0	13300.0	4040	5.4	13.3	-55 to +155
IHCL-4040DZ-5A 2.7 μH		Low Profile, High Current Coupled Inductor	0.1	10.8	6000.0	13250.0	4040	6.0	13.25	-55 to +155
IHCL-4040DZ-5A 22 μH		Low-Profile, High-Current Coupled Inductor	0.5	88.0	1700.0	4300.0	4040	1.7	4.3	-55 to +155
IHCL-4040DZ-5A 4.7 μH		Low-Profile, High-Current Coupled Inductor	0.0	19.0	4000.0	10000.0	4040	4.0	10.0	-55 to +155
IHLD-2525GG-5A		Low Profile, High Current Dual Inductors	1.0	22.0	2200.0	13000.0	2525	2.2	13.0	-55 to +155











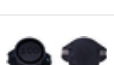
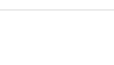
Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHLD-3232HB-5A		Low Profile, High Current Dual Inductors	5.0	33.0	2400.0	6000.0	3232	2.4	6.0	-55 to +155
IHLD-4032KB-5A		Low Profile, High Current Dual Inductors	10.0	33.0	3800.0	5600.0	4032	3.8	5.6	-55 to +155

## INDUCTORS - COMMON MODE CHOKES















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Series	Image	Impedance Min. ( $\Omega$ )	Impedance Max. ( $\Omega$ )	Min. DC (mA)	Max. DC (mA)	Case Size	Operating Temperature ( $^{\circ}\text{C}$ )
ICM-0805		30	370	280.0	450.0	0805	-40 to +85
ICM-1206		90	2200	200.0	370.0	1206	-40 to +85
IHCM-2321AA-10		380	1200			2321AA-10	

## INDUCTORS - POWDERED IRON AND FERRITE POWER INDUCTORS














Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IDC-2512		High Current, Surface Mount Inductors - Non-Shielded	1.0	1000.0	70.0	2900.0	2512	0.07	2.9	-40 to +125
IDC-5020		High Current, Surface Mount Inductors - Non-Shielded	1.0	1000.0	300.0	6800.0	5020	0.3	6.8	-40 to +125
IDC-7328		High Current, Surface Mount Inductors - Non-Shielded	1.0	1000.0	560.0	8600.0	7328	0.56	8.6	-40 to +125
IDCP-1813		High Current, Surface Mount Inductors - Non-Shielded	1.0	68.0	460.0	3800.0	1813	0.46	3.8	-40 to +125
IDCP-2218		High Current, Surface Mount Inductors - Non-Shielded	10.0	220.0	350.0	1440.0	2218	0.35	1.44	-40 to +125
IDCP-3020		High Current, Surface Mount Inductors - Non-Shielded	10.0	470.0	340.0	2300.0	3020	0.34	2.3	-40 to +125
IDCP-3114		High Current, Surface Mount Inductors - Non-Shielded	10.0	330.0	280.0	1440.0	3114	0.28	1.44	-40 to +125
IDCP-3722		High Current, Surface Mount Inductors - Non-Shielded	10.0	820.0	240.0	2600.0	3722	0.24	2.6	-40 to +125
IDCP-3916		High Current, Surface Mount Inductors - Non-Shielded	10.0	560.0	320.0	2380.0	3916	0.32	2.38	-40 to +125
IDCS-2512		High Current, Surface Mount Inductors - Shielded	1.0	10000.0	20.0	3000.0	2512	0.02	3.0	-40 to +125
IDCS-5020		High Current, Surface Mount Inductors - Shielded	1.0	390.0	330.0	5000.0	5020	0.33	5.0	-40 to +125
IDCS-7328		High Current, Surface Mount Inductors - Shielded	10.0	1000.0	530.0	3900.0	7328	0.53	3.9	-40 to +125


































Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IFLR-2727EZ-01		Low Profile, High Current Inductors	0.072	0.15	45000.0	45000.0	2727 (5.0 mm)	45.0	45.0	
IFLR-4027EZ-01		Low Profile, High Current Inductors	0.085	0.22	50000.0	50000.0	4027 (5.0 mm)	50.0	50.0	
IFLR-4031GC-01		Low Profile, High Current Inductors	0.17	0.215	61000.0	61000.0	4031 (7.3 mm)	61.0	61.0	
IFLR-5151HZ-01		Low Profile, High Current Inductors	0.21	0.44	50000.0	50000.0	5151 (8 mm)	50.0	50.0	
IFSC-0806AZ-01		Low Profile, High Current Inductors	0.47	22.0	370.0	2600.0	0806 (1.0 mm)	0.37	2.6	-55 to +125
IFSC-1008AB-01		Low Profile, High Current Inductors	0.47	22.0	520.0	3700.0	1008 (1.2 mm)	0.52	3.7	-55 to +125
IFSC-1111AB-01		Low Profile, High Current Inductors	1.0	22.0	600.0	2500.0	1111 (1.2 mm)	0.6	2.5	-55 to +125
IFSC-1111AZ-01		Low Profile, High Current Inductors	1.0	47.0	300.0	2600.0	1111 (1.0 mm)	0.3	2.6	-55 to +125
IFSC-1515AH-01		Low Profile, High Current Inductors	0.47	330.0	290.0	5500.0	1515 (1.8 mm)	0.29	5.5	-55 to +125
IHDF-1300AE-10		Low Profile, Through-Hole, High Current Inductors, Edge-Wound Series	1.0	10.0	59000.0	72000.0	1300	59.0	72.0	-55 to +125
IHDF-1300AE-1A		Low Profile, Through-Hole, High Current Inductors, Edge-Wound Series	1.0	5.0	59000.0	72000.0	1300	59.0	72.0	-55 to +155
IHHP-0603ZF-01		Low Profile, High Current Inductors	0.47	1.0	2000.0	3300.0	0603	2.0	3.3	-55 to +125
IHHP-0805ZF-01		Low Profile, High Current Inductors	0.47	2.2	1800.0	3900.0	0805	1.8	3.9	-55 to +125
IHHP-0806AB-01		Low Profile, High Current Inductors	0.22	2.2	1800.0	5300.0	0806 (1.2 mm)	1.8	5.3	-55 to +125
















Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)	Operating Temperature (°C)
IHHP-0806AZ-01		Low Profile, High Current Inductors	0.22	2.2	2000.0	5200.0	0806 (1.0 mm)	2.0	5.2	-55 to +125
IHHP-0806ZF-01		Low Profile, High Current Inductors	0.47	2.2	2600.0	4900.0	0806	2.6	4.9	-55 to +125
IHHP-1008AB-01		Low Profile, High Current Inductors	0.22	2.2	2300.0	7400.0	1008 (1.2 mm)	2.3	7.4	-55 to +125
IHHP-1008AZ-01		Low Profile, High Current Inductors	0.22	2.2	1900.0	5900.0	1008 (1.0 mm)	1.9	5.9	-55 to +125
IHLD-2525GG-5A		Low Profile, High Current Dual Inductors	1.0	22.0	2200.0	13000.0	2525	2.2	13.0	-55 to +155
IHLD-3232HB-5A		Low Profile, High Current Dual Inductors	5.0	33.0	2400.0	6000.0	3232	2.4	6.0	-55 to +155
IHLD-4032KB-5A		Low Profile, High Current Dual Inductors	10.0	33.0	3800.0	5600.0	4032	3.8	5.6	-55 to +155

## INDUCTORS - IHLP – POWER INDUCTORS – AUTOMOTIVE APPLICATIONS












Series	Product Image	Description	Inductance (min.) (μH)	Inductance (max.) (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)
IHLE-2020CD-51		IHLE® High Current Inductor With E-Field Shield	0.22	15.0	2400.0	18000.0	2020 (3.4 mm)	2.4	18.0
IHLE-2020CD-5A		IHLE® High Current Inductor With E-Field Shield	0.22	15.0	2400.0	18000.0	2020 (3.4 mm)	2.4	18.0
IHLE-2525CD-5A		IHLE® High Current Inductors With E-Field Shield	0.47	22.0	2800.0	20000.0	2525 (3.4 mm)	2.8	20.0
IHLE-3232DD-5A		IHLE® High Current Inductors With E-Field Shield	0.22	33.0	3100.0	36000.0	3232 (4.4 mm)	3.1	36.0
IHLE-4040DD-5A (EW)		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2600.0	32000.0	4040	2.6	32.0
IHLE-4040DD-5A		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2400.0	30000.0	4040 (4.4 mm)	2.4	30.0
IHLE-5050FH-5A		IHLE® High Current Inductors With E-Field Shield	0.33	100.0	3100.0	62000.0	5050	3.1	62.0
IHLM-2525CZ-A1		Low Profile, High Current Inductors - Special Molding	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5
IHLP-1212AB-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 1.2	0.1	1.2	3980.0	11500.0	1212 (1.2 mm)	3.98	11.5
IHLP-1212AB-A1		IHLP® Automotive Inductors, High Saturation Series 3.6 x 3.2 x 1.2	0.1	1.2	3810.0	10480.0	1212 (1.2 mm)	3.81	10.48
IHLP-1212AZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 1.0	0.1	1.0	3590.0	11130.0	1212 (1.0 mm)	3.59	11.13
IHLP-1212AZ-A1		IHLP® Automotive Inductors, High Saturation Series 3.6 x 3.2 x 1.0	0.1	1.0	3470.0	10500.0	1212 (1.0 mm)	3.47	10.5
IHLP-1212BZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 3.6 x 3.2 x 2.0	0.1	3.3	3260.0	12260.0	1212 (2.0 mm)	3.26	12.26

Series	Product Image	Description	Inductance (min.) (μH)	Inductance (max.) (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)
IHLP-1212BZ-A1		IHLP® Automotive Inductors, High Saturation Series 3.6 x 3.2 x 2.0	0.1	3.3	3300.0	11020.0	1212 (2.0 mm)	3.3	11.02
IHLP-1616AB-1A		IHLP® Automotive Inductors, Low DCR Series 4.7 x 4.3 x 1.2	0.1	2.2	2750.0	12000.0	1616 (1.2 mm)	2.75	12.0
IHLP-1616AB-A1		IHLP® Automotive Inductors, High Saturation Series 4.7 x 4.3 x 1.2	0.047	1.0	4000.0	13000.0	1616 (1.2 mm)	4.0	13.0
IHLP-1616BZ-1A		IHLP® Automotive Inductors, Low DCR Series 4.7 x 4.3 x 2.0	0.1	4.7	1700.0	12000.0	1616 (2.0 mm)	1.7	12.0
IHLP-1616BZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 4.7 x 4.3 x 2.0	0.1	4.7	3200.0	17300.0	1616 (2.0 mm)	3.2	17.3
IHLP-1616BZ-A1		IHLP® Automotive Inductors, High Saturation Series 4.7 x 4.3 x 2.0	0.1	2.2	2850.0	13000.0	1616 (2.0 mm)	2.85	13.0
IHLP-2020BZ-1A		IHLP® Automotive Inductors, Low DCR Series 5.7 x 5.4 x 2.0	0.1	6.8	2800.0	21000.0	2020 (2.0 mm)	2.8	21.0
IHLP-2020BZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 5.7 x 5.4 x 2.0	0.47	22.0	1620.0	13430.0	2020 (2.0 mm)	1.62	13.43
IHLP-2020BZ-A1		IHLP® Automotive Inductors, High Saturation Series 5.7 x 5.4 x 2.0	0.1	6.8	2400.0	17000.0	2020 (2.0 mm)	2.4	17.0
IHLP-2020CZ-1A		IHLP® Automotive Inductors, Low DCR Series 5.7 x 5.4 x 3.0	0.1	10.0	3200.0	26300.0	2020 (3.0 mm)	3.2	26.3
IHLP-2020CZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 5.7 x 5.4 x 3.0	0.22	15.0	2400.0	18000.0	2020 (3.0 mm)	2.4	18.0
IHLP-2020CZ-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 5.7 x 5.4 x 3.0	0.22	15.0	2400.0	18000.0	2020 (3.0 mm)	2.4	18.0
IHLP-2020CZ-A1		IHLP® Automotive Inductors, High Saturation Series 5.7 x 5.4 x 3.0	0.1	10.0	2500.0	23000.0	2020 (3.0 mm)	2.5	23.0
IHLP-2525AH-A1		IHLP® Automotive Inductors, High Saturation Series 7.2 x 6.7 x 1.8	0.1	4.7	3000.0	18000.0	2525 (1.8 mm)	3.0	18.0
IHLP-2525BD-A1		IHLP® Automotive Inductors, High Saturation Series 7.2 x 6.7 x 2.4	0.1	10.0	2500.0	30000.0	2525 (2.4 mm)	2.5	30.0

Series	Product Image	Description	Inductance (min.) (μH)	Inductance (max.) (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)
IHLP-2525CZ-1A		IHLP® Automotive Inductors, Low DCR Series 7.2 x 6.7 x 3.0	1.0	22.0	2900.0	12500.0	2525 (3.0 mm)	2.9	12.5
IHLP-2525CZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 7.2 x 6.7 x 3.0	0.33	22.0	2800.0	22000.0	2525 (3.0 mm)	2.8	22.0
IHLP-2525CZ-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 7.2 x 6.7 x 3.0	0.33	22.0	2800.0	22000.0	2525 (3.0 mm)	2.8	22.0
IHLP-2525CZ-A1		IHLP® Automotive Inductors, High Saturation Series 7.2 x 6.7 x 3.0	0.1	10.0	3000.0	32500.0	2525 (3.0 mm)	3.0	32.5
IHLP-3232CZ-1A		IHLP® Automotive Inductors, Low DCR Series 8.0 x 8.0 x 3.0	0.22	22.0	3600.0	36000.0	3232 (3.0 mm)	3.6	36.0
IHLP-3232CZ-A1		IHLP® Automotive Inductors, High Saturation Series 8.0 x 8.0 x 3.0	0.22	10.0	4700.0	32000.0	3232 (3.0 mm)	4.7	32.0
IHLP-3232DZ-1A		IHLP® Automotive Inductors, Low DCR Series 8.0 x 8.0 x 4.0	0.22	33.0	3200.0	34000.0	3232 (4.0 mm)	3.2	34.0
IHLP-3232DZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 8.0 x 8.0 x 4.0	0.22	33.0	3100.0	36000.0	3232 (4.0 mm)	3.1	36.0
IHLP-3232DZ-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 8.0 x 8.0 x 4.0	0.22	33.0	3100.0	36000.0	3232 (4.0 mm)	3.1	36.0
IHLP-3232DZ-A1		IHLP® Automotive Inductors, High Saturation Series 8.0 x 8.0 x 4.0	0.22	10.0	5200.0	30700.0	3232 (4.0 mm)	5.2	30.7
IHLP-4040DZ-1A									
IHLP-4040DZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 11.5 x 10.3 x 4.0	0.47	68.0	2400.0	30000.0	4040 (4.0 mm)	2.4	30.0
IHLP-4040DZ-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 11.5 x 10.3 x 4.0	0.47	68.0	2400.0	30000.0	4040 (4.0 mm)	2.4	30.0
IHLP-4040DZ-A1		IHLP® Automotive Inductors, High Saturation Series 11.5 x 10.3 x 4.0	0.19	22.0	4600.0	40000.0	4040 (4.0 mm)	4.6	40.0
IHLP-4040ED-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 11.5 x 10.3 x 5.4	0.33	75.0	2740.0	36000.0	4040 (5.4 mm)	2.74	36.0
IHLP-5050CE-A1		IHLP® Automotive Inductors, High Saturation Series 13.6 x 12.9 x 3.5	0.1	10.0	7000.0	43000.0	5050 (3.5 mm)	7.0	43.0
IHLP-5050EZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 13.6 x 12.9 x 5.0	0.22	82.0	3000.0	68180.0	5050 (5.0 mm)	3.0	68.18









Series	Product Image	Description	Inductance (min.) (μH)	Inductance (max.) (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Rated Current (min.) (A)	Rated Current (max.) (A)
IHLP-5050EZ-A1		IHLP® Automotive Inductors, High Saturation Series 13.6 x 12.9 x 5.0	0.1	15.0	7100.0	55000.0	5050 (5.0 mm)	7.1	55.0
IHLP-5050FD-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 13.6 x 12.9 x 6.5 / 6.4	0.22	100.0	3100.0	66000.0	5050 (6.5 mm / 6.4 mm)	3.1	66.0
IHLP-5050FD-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 13.6 x 12.9 x 6.5 / 6.4	0.22	100.0	3100.0	66000.0	5050 (6.5 mm / 6.4 mm)	3.1	66.0
IHLP-5050FD-A1		IHLP® Automotive Inductors, High Saturation Series 13.6 x 12.9 x 6.5 / 6.4	0.1	15.0	7700.0	60000.0	5050 (6.5 mm / 6.4 mm)	7.7	60.0
IHLP-6767DZ-1A		IHLP® Automotive Inductors, Low DCR Series 17.9 x 17.1 x 4.0	1.0	22.0	7200.0	41000.0	6767 (4.0 mm)	7.2	41.0
IHLP-6767DZ-A1		IHLP® Automotive Inductors, High Saturation Series 17.9 x 17.1 x 4.0	0.22	10.0	10500.0	75000.0	6767 (4.0 mm)	10.5	75.0
IHLP-6767GZ-1A		IHLP® Automotive Inductors, Low DCR Series 17.9 x 17.1 x 7.0	0.33	100.0	5000.0	75500.0	6767 (7.0 mm)	5.0	75.5
IHLP-6767GZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 17.9 x 17.1 x 7.0	0.47	47.0	7250.0	65000.0	6767 (7.0 mm)	7.25	65.0
IHLP-6767GZ-8A		IHLP® Automotive Inductors, High Temperature (180 °C) Series 17.9 x 17.1 x 7.0	0.47	47.0	7250.0	65000.0	6767 (7.0 mm)	7.25	65.0
IHLP-6767GZ-A1		IHLP® Automotive Inductors, High Saturation Series 17.9 x 17.1 x 7.0	0.22	22.0	11000.0	80000.0	6767 (7.0 mm)	11.0	80.0
IHLP-7575GZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series x 7.0	0.56	33.0	10200.0	61000.0	7575 (7.0 mm)	10.2	61.0
IHLP-8787MZ-5A		IHLP® Automotive Inductors, High Temperature (155 °C) Series 22.0 x 22.1 x 13.0	0.47	100.0	9100.0	80000.0	8787 (13.0 mm)	9.1	80.0
IHSR-2525CZ-5A		Automotive Inductors, Ultra Low DCR, High Temperature (155 °C) Series	0.056	0.1	46000.0	58000.0	2525	46.0	58.0
IHSR-4040DZ-5A		Automotive Inductors, High Temperature (155 °C) Series	0.13	0.13	72000.0	72000.0	4040	72.0	72.0
IHSR-6767GZ-5A		Automotive Inductors, High Temperature (155 °C) Series	0.22	0.22	100000.0	100000.0	6767	100.0	100.0

## INDUCTORS - SPECIALTY COMPOSITE INDUCTORS










Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHCL-4040DZ-51 10 μH		Low-Profile, High-Current Coupled Inductor	0.0	36.0	2900.0	7500.0	4040	-55 to +155
IHCL-4040DZ-51 15 μH		Low-Profile, High-Current Coupled Inductor	0.0	61.0	2300.0	5500.0	4040	-55 to +155
IHCL-4040DZ-51 2.2 μH		Low-Profile, High-Current Coupled Inductor	0.1	9.0	5400.0	13300.0	4040	-55 to +155
IHCL-4040DZ-51 2.7 μH		Low-Profile, High-Current Coupled Inductor	0.1	10.8	6000.0	13250.0	4040	-55 to +155
IHCL-4040DZ-51 4.7 μH		Low-Profile, High-Current Coupled Inductor	0.0	19.0	4000.0	10000.0	4040	-55 to +155
IHCL-4040DZ-5A 10 μH		Low-Profile, High-Current Coupled Inductor	0.0	36.0	2900.0	7500.0	4040	-55 to +155
IHCL-4040DZ-5A 15 μH		Low-Profile, High-Current Coupled Inductor	0.0	61.0	2300.0	5500.0	4040	-55 to +155
IHCL-4040DZ-5A 2.2 μH		Low Profile, High Current Coupled Inductor	0.1	9.0	5400.0	13300.0	4040	-55 to +155
IHCL-4040DZ-5A 2.7 μH		Low Profile, High Current Coupled Inductor	0.1	10.8	6000.0	13250.0	4040	-55 to +155
IHCL-4040DZ-5A 22 μH		Low-Profile, High-Current Coupled Inductor	0.5	88.0	1700.0	4300.0	4040	-55 to +155
IHCL-4040DZ-5A 4.7 μH		Low-Profile, High-Current Coupled Inductor	0.0	19.0	4000.0	10000.0	4040	-55 to +155

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHLD-2525GG-5A		Low Profile, High Current Dual Inductors	1.0	22.0	2200.0	13000.0	2525	-55 to +155
IHLD-3232HB-5A		Low Profile, High Current Dual Inductors	5.0	33.0	2400.0	6000.0	3232	-55 to +155
IHLD-4032KB-5A		Low Profile, High Current Dual Inductors	10.0	33.0	3800.0	5600.0	4032	-55 to +155
IHLE-2020CD-51		IHLE® High Current Inductor With E-Field Shield	0.22	15.0	2400.0	18000.0	2020 (3.4 mm)	-55 to +155
IHLE-2020CD-5A		IHLE® High Current Inductor With E-Field Shield	0.22	15.0	2400.0	18000.0	2020 (3.4 mm)	-55 to +155
IHLE-2525CD-51		IHLE® High Current Inductors With E-Field Shield	0.47	22.0	2800.0	20000.0	2525 (3.4 mm)	-55 to +155
IHLE-2525CD-5A		IHLE® High Current Inductors With E-Field Shield	0.47	22.0	2800.0	20000.0	2525 (3.4 mm)	-55 to +155
IHLE-3232DD-51		IHLE® High Current Inductors With E-Field Shield	0.22	33.0	3100.0	36000.0	3232 (4.4 mm)	-55 to +155
IHLE-3232DD-5A		IHLE® High Current Inductors With E-Field Shield	0.22	33.0	3100.0	36000.0	3232 (4.4 mm)	-55 to +155
IHLE-4040DD-51		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2400.0	30000.0	4040 (4.4 mm)	-55 to +155
IHLE-4040DD-5A (EW)		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2600.0	32000.0	4040	-55 to +155
IHLE-4040DD-5A		IHLE® High Current Inductors With E-Field Shield	0.47	68.0	2400.0	30000.0	4040 (4.4 mm)	-55 to +155
IHLE-5050FH-51		IHLE® High Current Inductors With E-Field Shield	0.33	100.0	3100.0	62000.0	5050	-55 to +155
IHLE-5050FH-5A		IHLE® High Current Inductors With E-Field Shield	0.33	100.0	3100.0	62000.0	5050	-55 to +155
IHSR-1616AB-01		Commercial Power Inductors, Ultra Low DCR, High Saturation Series	0.033	0.068	22000.0	37000.0	1616	-55 to +125













Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature (°C)
IHSR-2525CZ-51		Commercial Inductors, Ultra Low DCR, High Temperature (155 °C) Series	0.056	0.1	46000.0	58000.0	2525	-55 to +155
IHSR-2525CZ-5A		Automotive Inductors, Ultra Low DCR, High Temperature (155 °C) Series	0.056	0.1	46000.0	58000.0	2525	-55 to +155
IHSR-4040DZ-51		Commercial Inductors, High Temperature (155 °C) Series	0.13	0.13	72000.0	72000.0	4040	-55 to +155
IHSR-4040DZ-5A		Automotive Inductors, High Temperature (155 °C) Series	0.13	0.13	72000.0	72000.0	4040	-55 to +155
IHSR-6767GZ-5A		Automotive Inductors, High Temperature (155 °C) Series	0.22	0.22	100000.0	100000.0	6767	-55 to +155
IHXL-1500VZ-51		High Current Through-Hole Inductor, High Temperature	0.68	3.3	96000.0	154000.0	1500	-55 to +155
IHXL-1500VZ-5A		High Current Through Hole Inductor, High Temperature	0.68	3.3	96000.0	154000.0	1500	-55 to +155
IHXL-2000VZ-5A		High Current Through Hole Inductor, High Temperature	2.2	2.2	125000.0	125000.0	2000	-55 to +155











## INDUCTORS - IHTH – POWER INDUCTORS (COMMERCIAL/INDUSTRIAL/AUTOMOTIVE)


Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Size Class	Min. DC (mA)	Max. DC (mA)	Operating Temperature (°C)
IHTH-0750IZ-51		High Current Through Hole Inductor, High Temperature Series	0.47	100.0	0750	5000.0	83000.0	-55 to +155
IHTH-0750IZ-5A		High Current Through-Hole Inductor, High Temperature Series	0.47	100.0	0750	5000.0	83000.0	-55 to +155
IHTH-1125KZ-51		High Current Through Hole Inductor, High Temperature Series	0.47	100.0	1125	8800.0	125000.0	-55 to +155
IHTH-1125KZ-5A		High Current Through Hole Inductor, High Temperature Series	0.47	100.0	1125	8800.0	125000.0	-55 to +155
IHTH-1500MZ-5A		High Current Through-Hole Inductor, High Temperature	0.47	4.7	1500	60600.0	134800.0	-55 to +155
IHTH-1500TZ-5A		High Current Through-Hole Inductor, High Temperature Series	6.8	100.0	1500	12200.0	63300.0	-55 to +155
IHXL-1500VZ-51		High Current Through-Hole Inductor, High Temperature	0.68	3.3	1500	96000.0	154000.0	-55 to +155
IHXL-1500VZ-5A		High Current Through Hole Inductor, High Temperature	0.68	3.3	1500	96000.0	154000.0	-55 to +155
IHXL-2000VZ-5A		High Current Through Hole Inductor, High Temperature	2.2	2.2	2000	125000.0	125000.0	-55 to +155

## INDUCTORS - SMD MULTILAYER FERRITE INDUCTORS AND BEADS

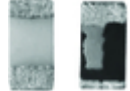














Series	Product Image	Description	Inductance Min. ( $\mu\text{H}$ )	Inductance Max. ( $\mu\text{H}$ )	Impedance Min. (Ohms)	Impedance Max. (Ohms)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature ( $^{\circ}\text{C}$ )
ILAS-1206		Chip Array Ferrite Beads	n/a	n/a	60	1000	150.0	400.0	1206	-55 to +125
ILB-1206		Multilayer Ferrite Beads	n/a	n/a	19	2000	100.0	600.0	1206	-55 to +125
ILBB-0402		Multilayer Ferrite Beads	n/a	n/a	20	600	200.0	300.0	0402	-55 to +125
ILBB-0603		Multilayer Ferrite Beads	n/a	n/a	10	2000	50.0	500.0	0603	-55 to +125
ILBB-0805		Multilayer Ferrite Beads	n/a	n/a	7	2200	80.0	600.0	0805	-55 to +125
ILBB-1210, ILBB-1806, ILBB-1812		Multilayer Ferrite Beads	n/a	n/a	31	150	200.0	400.0	1210, 1806, 1812	-55 to +125
ILHB		High Current Multilayer Ferrite Beads	n/a	n/a	30	1300	2000.0	6000.0	0603, 0805, 1206, 1806, 1812	-55 to +125
ILSB-0603		Monolithic Chip Inductors	0.047	10	n/a	n/a	15.0	50.0	0603	-55 to +125
ILSB-0805		Monolithic Chip Inductors	0.047	33	n/a	n/a	5.0	300.0	0805	-55 to +125
ILSB-1206		Monolithic Chip Inductors	0.047	33	n/a	n/a	5.0	300.0	1206	-55 to +125




# INDUCTORS - TRANSFORMERS

Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature ( $^{\circ}$ C)
LPE-3325		Surface Mount Transformers/Inductors, Gapped and Ungapped, Custom Configurations Available	10	3900	60	1010	3325	-55 to +125
LPE-3325-CST		Surface Mount Current Sense Transformers	180	3000			3325	
LPE-4841		Surface Mount Transformers/Inductors, Gapped and Ungapped, Custom Configurations Available	10	47000	80	2030	4841	-55 to +125
LPE-5047		Surface Mount Transformers/Inductors, Gapped and Ungapped, Custom Configurations Available	10	68000	70	2290	5047	-55 to +125
LPE-6562		Surface Mount Transformers/Inductors, Gapped and Ungapped, Custom Configurations Available	10	330000	60	3090	6562	-55 to +125
LPE-6855		Surface Mount Transformers/Inductors, Gapped and Ungapped, Custom Configurations Available	10	150000	60	3210	6855	-55 to +125
LPT-3535		Inductors/Transformers Customizable, Surface Mount Torodial, Kool-Mu®, Powdered Iron and MPP Cores	1	330	270	6450	3535	-40 to +125
LPT-4545		Inductors/Transformers Customizable, Surface Mount Torodial, Kool-Mu®, Powdered Iron and MPP Cores	1	330	430	7540	4545	-40 to +125
MGDT Series		Miniaturized Gate Drive Planar Transformers	240	n/a	n/a	n/a	0	-55 to +125
MTBAUGDT		Micro Gate Drive Transformers	264	473	n/a	n/a	0	-55 to +130
















Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. DC (mA)	Max. DC (mA)	Size Class	Operating Temperature ( $^{\circ}$ C)
MTPL-2516 Series		Versatile Through-Hole Planar Transformers	450	n/a	12500	22000	2516	-55 to +130

# INDUCTORS - RF INDUCTORS - SURFACE MOUNT











Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Min. Q	Max. Q	Size Class	Operating Temperature (°C)
IFCB-0402		Thin Film Chip Inductors	0.001	0.022	90.0	700.0	5.0	7.0	0402	-40 to +125
ILC-0402		Surface-Mount, Multi Layer High Frequency Ceramic Inductors	0.001	0.27	110.0	300.0	8.0	8.0	0402	-55 to +125
ILC-0603		Surface Mount, Multi Layer High Frequency Ceramic Inductors	0.001	0.27	300.0	300.0	8.0	12.0	0603	-55 to +125
IMC-0402-01		Wirewound, Surface Mount Inductors	0.001	0.12	100.0	1360.0	13.0	26.0	0402	
IMC-0603-01		Wirewound, Surface Mount Inductors	0.002	0.39	150.0	700.0	16.0	43.0	0603	
IMC-0805-01		Wirewound, Surface Mount Inductors	0.0022	10.0	80.0	800.0	10.0	60.0	0805	
IMC-1008		High Frequency, Surface Mount Inductors	0.0033	47.0	45.0	1000.0	15.0	60.0	1008	
IMC-1210		Wirewound, Surface-Mount Molded Inductors	0.01	220.0	50.0	734.0	15.0	30.0	1210	
IMC-1210-100		Wirewound, Surface Mount Molded Inductors	0.01	0.1	450.0	734.0	15.0	28.0	1210	
IMC-1812		Wirewound, Surface-Mount, Molded Inductors	0.01	1000.0	30.0	450.0	30.0	50.0	1812	
IMC-2220		High Frequency, Surface-Mount Molded Inductors	1.0	8200.0	25.0	1800.0	10.0	20.0	2220	
IMCH-1812		Wirewound, Surface Mount, Molded Inductors	1.0	330.0	90.0	1050.0	10.0	20.0	1812	
ISC-1008		Wirewound, Surface Mount, Shielded Inductor	1.0	1000.0	30.0	1000.0	30.0	45.0	1008	
ISC-1210		Wirewound, Surface-Mount, Molded, Shielded Inductors	0.01	100.0	80.0	810.0	30.0	50.0	1210	
ISC-1812		Wirewound, Surface-Mount, Molded, Shielded Inductors	0.1	1000.0	66.0	552.0	30.0	50.0	1812	

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Min. Q	Max. Q	Size Class	Operating Temperature (°C)
PSC		High Frequency RF Spiral Inductor for Wire Bonded Assemblies	0.001	0.1			8.0	18.0		-55 to +125
RFLW 3N		High Frequency Wire Bondable RF Spiral Inductor, 0.030" x 0.030"	0.003	0.03			11.0	17.0		-55 to +125
RFLW 5N		High Frequency Wire Bondable RF Spiral Inductor, 0.050" x 0.050"	0.018	0.15			3.0	18.0		-55 to +125
















## INDUCTORS - WIRELESS CHARGING COILS







Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. Q	Max. Q	Size Class	Operating Temperature ( $^{\circ}$ C)
IWAS3010AZEB130KF1		Wireless Charging Receiving Coil / Shield	12.9	12.9	11.0	11.0	3010	-40 to +85
IWAS3222CZEB190JF1		Wireless Charging Receive Coil / Shield	19.6	19.6	28.5	28.5	3222	-40 to +105
IWAS3827ABEB100JF1		Wireless Charging Receive Coil / Shield	10.65	10.65	30.0	30.0	3827	-40 to +105
IWAS3827ABEB110JF1		Wireless Charging Receive Coil / Shield	10.65	10.65	30.0	30.0	3827	-40 to +105
IWAS4532AGEB140KF1		Wireless Charging Receiving Coil / Shield	14.0	14.0	24.0	24.0	4532	-40 to +85
IWAS4832AAEB220JF1		Wireless Charging Receive Coil / Shield	22.0	22.0	38.0	38.0	4832	-40 to +105
IWAS4832ABEB110JF1		Wireless Charging Receive Coil / Shield	10.8	10.8	60.0	60.0	4832	-40 to +105
IWAS4832ABEB130KF1		Wireless Charging Receiving Coil / Shield	13.0	13.0	33.0	33.0	4832	-40 to +85
IWAS4832ADEB150JF1		Wireless Charging Receive Coil / Shield	15.0	15.0	65.0	65.0	4832	-40 to +105
IWAS4832AEEB120KF1		Wireless Charging Receiving Coil / Shield	12.0	12.0	33.0	33.0	4832	-40 to +85
IWTX4646DCEB240JF1		Wireless Charging Transmitter Coil / Shield	24.0	24.0	185.0	185.0	4646	-40 to +105
IWTX47R0DAEB6R3JF1		Wireless Charging Transmitter Coil / Shield	6.3	6.3	190.0	190.0		-40 to +105
IWTX47R0EBEB240JF1		Wireless Charging Transmitter Coil / Shield	24.0	24.0	200.0	200.0		-40 to +105
IWTX5050CZEB6R3KF1		Wireless Charging Transmitter Coil / Shield	6.3	6.3	120.0	120.0	5050	-40 to +85
IWTX5050DEEB100KF1		Wireless Charging Transmitter Coil / Shield	10.0	10.0	200.0	200.0	5050	-40 to +85



Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. Q	Max. Q	Size Class	Operating Temperature ( $^{\circ}$ C)
IWTX5050DZEB6R3KF1		Wireless Charging Transmitter Coil / Shield	6.3	6.3	90.0	90.0	5050	-40 to +85
IWTX5050FEEB100KF1		Wireless Charging Transmitter Coil / Shield	10.0	10.0	200.0	200.0	5050	-40 to +85
IWTX50R0CZEB6R3KF1		Wireless Charging Transmitter Coil / Shield	6.3	6.3	120.0	120.0		-40 to +85
IWTX50R0DZEB6R3KF1		Wireless Charging Transmitter Coil / Shield	6.3	6.3	90.0	90.0		-40 to +85
IWTX5547EEEEB8R5KF1		Wireless Charging Transmitter Coil / Shield	8.5	8.5	140.0	140.0	5547	-40 to +1055
IWTX5555DEEB100KF1		Wireless Charging Transmitter Coil / Shield	10.0	10.0	99.0	99.0	5555	-40 to +85
IWTX55R0DZEB8R9KF1		Wireless Charging Transmitter Coil / Shield	8.9	8.9	98.5	98.5		-40 to +125
IWTX9955DEEB110KF3		Wireless Charging Transmitter Coil / Shield	11.3	11.3	100.0	100.0	9955	-40 to +125
IWTXA148DGEB9R8KF3		Wireless Charging Transmitter Coil / Shield	9.8	10.2	100.0	100.0		-40 to +125
IWTXA653FZEB120KF3		Wireless Charging Transmitter Coil / Shield	11.5	12.5	100.0	110.0		-40 to +85

## INDUCTORS - RF INDUCTORS (THROUGH HOLE)

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Min. DC (mA)	Max. DC (mA)	Min. Q	Max. Q	Operating Temperature (°C)
IG120		Current Chokes Inductors, Axial Leads Noise Suppression Applications	3.9		70.0	70.0			+70
IG70		Current Chokes Inductors, Axial Leads, Noise Suppression Applications	1.0		80.0	80.0			+70
IH		Filter Inductors, High Current, Radial Leded	5.0	250.0	10.0	9000.0			
IHA		Filter Inductors, High Current, Axial Leded	5.0	1000.0	1400.0	9300.0			
IHB		Filter Inductors, High Current, Radial Leded	1.0	47000.0	0.8	43.5			
IHD		Filter Inductors, High Current, Axial Leded	1.0	100000.0	0.07	5.3			
IHD-2		Choke Coil, Axial Leded	1.0	18000.0	80.0	5300.0			
IHD-4		Choke Coil, Axial Leded	3.9	100000.0	70.0	4000.0			
IHM-2		Filter Inductors, High Current, Radial Leded	1.0	15000.0	10.0	9250.0			
IHV		Filter Inductors, High Current, Radial Leded	24.0	500.0	15.0	60.0			-55 to +125
IRF-24		Inductors, Epoxy Conformal Coated, Axial Leded	0.1	1000.0	60.0	1400.0	30.0	60.0	
IRF-36		Inductors, Epoxy Conformal Coated, Axial Leded	0.27	1000.0	100.0	1320.0	25.0	75.0	
IRF-46		Inductors, Epoxy Conformal Coated, Axial Leded	1000.0	39000.0	25.0	200.0	40.0	80.0	
TJ		Inductors, Toroid, High Current, Radial Leded	1.2	5600.0	500.0	20000.0			-55 to +125
TJ3-HT		Toroid, High Current, High Temperature, Radial Leded	0.39	100.0	2250.0	32000.0			-55 to +200

Series	Product Image	Description	Inductance Min. ( $\mu$ H)	Inductance Max. ( $\mu$ H)	Min. DC (mA)	Max. DC (mA)	Min. Q	Max. Q	Operating Temperature ( $^{\circ}$ C)
TJ5-HT		Toroid, High Current, High Temperature, Radial Leaded	0.47	470.0	2800.0	36000.0			-55 to +200
TR021		Molded Inductors, Axial Leads, High Frequency and Noise Suppression Applications	0.022		45.0	45.0	15.0	15.0	+70
TR022		Molded Inductors, Axial Leads, High Frequency and Noise Suppression Applications	0.1		94.0	94.0	35.0	35.0	+70
TR023		Molded Inductors, Axial Leads, High Frequency and Noise Suppression Applications	0.15		120.0	120.0	20.0	20.0	+70
TR025		Molded Inductors, Axial Leads, High Frequency and Noise Suppression Applications	1.0		80.0	80.0	25.0	25.0	+70
TR026		Molded Inductors, Axial Leads	1.2		170.0	170.0	35.0	35.0	+70

# INDUCTORS - CUSTOM STANDARD PRODUCTS

Series	Product Image	Description	Inductance Min. (μH)	Inductance Max. (μH)	Size Class	Min. DC (mA)	Max. DC (mA)	Operating Temperature (°C)
IHCM-2321AA-10		Common Mode Choke			2321			
IHDF-1300AE-10		Low Profile, Through-Hole, High Current Inductors, Edge-Wound Series	1.0	10.0	1300	59000.0	72000.0	-55 to +125
IHDF-1300AE-1A		Low Profile, Through-Hole, High Current Inductors, Edge-Wound Series	1.0	5.0	1300	59000.0	72000.0	-55 to +155
IHDM-1008BC-3A		High Current, Through-Hole Inductor Edge-Wound Series	1.2	4.7	1008	45000.0	80000.0	-40 to +180
IHDM-1008BC-x0		High Current Through-Hole Inductors Edge-Wound Series	0.82	10.0	1008	37000.0	101000.0	-40 to +180
IHDM-1107BB-x0		High Current, Through-Hole Inductor, Edge-Wound Series	0.47	12.0	1107	31000.0	128000.0	-55 to +180
IHPT-1411AF-AB0		Haptic Feedback Actuator	1800.0	1800.0	1411			-40 to +105

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