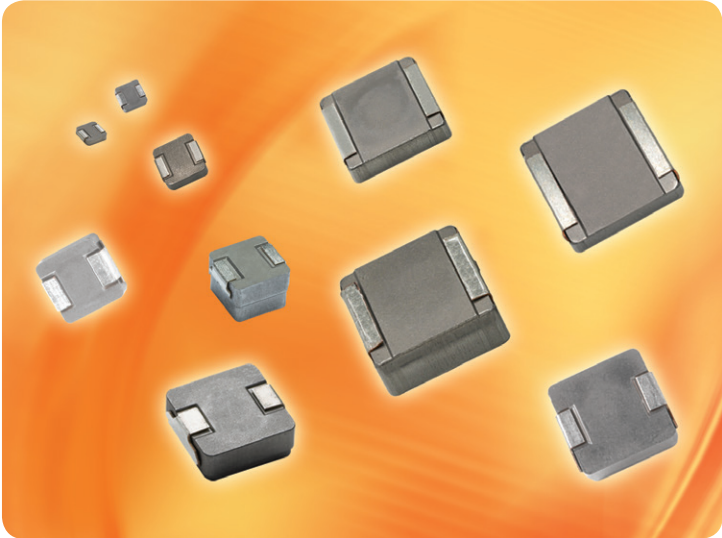




IHLP® - Capabilities Matrix



RESOURCES

- For technical questions contact magnetics@vishay.com





































































One of the World's Largest Manufacturers of
Discrete Semiconductors and Passive Components





Capabilities Matrix

Inductors - IHLP® Product Selection Assistance

Model Number	Maximum Size (mm)			Inductance at Zero DC (µH)					
	L	W	H	0.001	0.01	0.1	1	10	100
IHLP-1212AB-11 	3.60	3.20	1.2		0.22			1.0	
IHLP-1212AE-11 	3.60	3.20	1.5		0.22			1.5	
IHLP-1212BZ-11 	3.60	3.20	2.0		0.22			2.2	
IHLP-1616AB-01 	4.704	4.314	1.2	0.047				1.0	
IHLP-1616AB-11 	4.704	4.314	1.2	0.047				2.2	
IHLP-1616BZ-01 	4.704	4.314	2.0		0.1			2.2	
IHLP-1616BZ-11 	4.704	4.314	2.0		0.1			4.7	
IHLP-2020BZ-01 	5.744	5.434	2.0		0.1			10	
IHLP-2020BZ-11 	5.744	5.434	2.0		0.1			10	
IHLP-2020CZ-01 	5.744	5.434	3.0		0.1			15	
IHLP-2020CZ-11 	5.744	5.434	3.0		0.1			22	
IHLP-2525AH-01 	7.241	6.724	1.8		0.1			4.7	
IHLP-2525BD-01 	7.241	6.724	2.4		0.1			10	
IHLP-2525CZ-01 	7.241	6.724	3.0		0.1			10	
IHLP-2525CZ-11 	7.241	6.724	3.0		0.1			22	
IHLP-2525CZ-06 	7.241	6.724	3.0		0.1			10	
IHLP-2525CZ-07 	7.241	6.724	3.0		0.1			10	
IHLP-2525EZ-01 	7.241	6.724	5.0		0.56			10	
IHLM-2525CZ-01 	7.241	6.724	3.0		0.1			10	
IHLM-2525CZ-06 	7.241	6.724	3.0		0.1			10	
IHLM-2525CZ-07 	7.241	6.724	3.0		0.1			10	
IHLP-4040DZ-01 	11.500	10.300	4.0		0.19			10	
IHLP-4040DZ-11 	11.500	10.300	4.0		0.1			100	
IHLP-5050CE-01 	13.580	12.900	3.5		0.1			10	
IHLP-5050CE-06 	13.580	12.900	3.5		0.6			10	
IHLP-5050CE-07 	13.580	12.900	3.5		0.6			10	
IHLP-5050EZ-01 	13.580	12.900	5.0		0.1			10	
IHLP-5050FD-01 	13.580	12.900	6.5		0.1			10	
IHLP-6767DZ-01 	17.950	17.150	4.0		0.1			10	
IHLP-6767DZ-11 	17.950	17.150	4.0		0.1			47	
IHLP-6767GZ-01 	17.950	17.150	7.0		0.1			22	
IHLP-6767GZ-11 	17.950	17.150	7.0		0.1			100	
IHLW-4040CF-11 	10.277	10.287	3.6		0.1			2.2	
IHLW-5050CE-01 	12.827	12.827	3.5		0.1			10	



Capabilities Matrix

Inductors - IHLP® Product Selection Assistance

Model Number	Rated Current DC at 25 °C (A)			Maximum DC Resistance (Ω)							
	1	10	100	0.1m	1m	10m	100m	1	10	100	500
IHLP-1212AB-11	3.0 4.5		9.3 9.2	11.4							38
IHLP-1212AE-11	2.7 4.5		8.5 9.0	11.4							46
IHLP-1212BZ-11	3.0 3.3		6.5 7.5	11.4							46
IHLP-1616AB-01	4.0 8.5				3.75						52.5
IHLP-1616AB-11	2.75 3.0		15 15	3.3							83.5
IHLP-1616BZ-01	2.85 6.0		11 35	5.0							90
IHLP-1616BZ-11	1.7 1.75		12 12	4.5							105
IHLP-2020BZ-01	2.3 4.0		17 45	3.9							199
IHLP-2020BZ-11	2.2 2.0		21 25	2.9							182.8
IHLP-2020CZ-01	1.9 2.5		23 27	3.16							265
IHLP-2020CZ-11	1.9 1.7		21 25	2.9							260
IHLP-2525AH-01	3.0 8.0		18 40	3.5							78
IHLP-2525BD-01	2.5 7.0		30 50	1.7							129
IHLP-2525CZ-01	3.0 7.0		32.5 60	1.7							105
IHLP-2525CZ-11	2.9 2.5		12.5 9.5	8							135
IHLP-2525CZ-06	3.0 7.0		32.5 60	1.37							97.71
IHLP-2525CZ-07	2.0 7.0		32.5 60	1.37							97.71
IHLP-2525EZ-01	4.5 4.5		20 12	3.6							71.3
IHLM-2525CZ-01	3.0 7.0		32.5 60	1.7							105
IHLM-2525CZ-06	3.0 7.0		32.5 60	1.37							97.71
IHLM-2525CZ-07	3.0 7.0		32.5 60	1.37							97.71
IHLM-2525CZ-06	6.8 12.0		40 90	0.95							36.5
IHLP-4040DZ-11	2.5 2.25		40 46	0.8							270
IHLP-5050CE-01	7.0 14.0		43 84	0.96							34
IHLP-5050CE-06	7.0 14.0		29 51	1.85							30.86
IHLP-5050CE-07	7.0 14.0		29 51	1.85							30.86
IHLP-5050EZ-01	9.0 16.0		55 118	0.6							25.5
IHLP-5050FD-01	10.0 15.5		60 120	0.5							17.2
IHLP-6767DZ-01	10.5 19.5		75 92	0.88							25.6
IHLP-6767DZ-11	5.0 4.3		41 27.5	2.05							108.46
IHLP-6767GZ-01	11.0 23.0		80 129	0.70							26.5
IHLP-6767GZ-11	5.0 4.0		75.5 55	0.67							110.0
IHLW-4040CF-11	16.0 14.0		46 48	0.80							7.21
IHLW-5050CE-01	7.0 14.0		43 84	0.96							34.0

Heat Rated Current -01 series frequency range up to 5 MHz Saturation Current -11 series frequency range up to 1 MHz



Inductors - IHLP® Product Selection Assistance

WORLDWIDE SALES CONTACTS

THE AMERICAS

UNITED STATES

VISHAY AMERICAS
ONE GREENWICH PLACE
SHELTON, CT 06484
UNITED STATES
PH: +1-402-563-6866
FAX: +1-402-563-6296

ASIA

SINGAPORE

VISHAY INTERTECHNOLOGY ASIA PTE LTD.
37A TAMPINES STREET 92 #07-00
SINGAPORE 528886
PH: +65-6788-6668
FAX: +65-6788-0988

P.R. CHINA

VISHAY CHINA CO., LTD.
15D, SUN TONG INFOPORT PLAZA
55 HUAI HAI WEST ROAD
SHANGHAI 200030
P.R. CHINA
PH: +86-21-5258 5000
FAX: +86-21-5258 7979

JAPAN

VISHAY JAPAN CO., LTD.
SHIBUYA PRESTIGE BLDG. 4F
3-12-22, SHIBUYA
SHIBUYA-KU
TOKYO 150-0002
JAPAN
PH: +81-3-5466-7150
FAX: +81-3-5466-7160

EUROPE

GERMANY

VISHAY ELECTRONIC GMBH
DR.-FELIX-ZANDMAN-PLATZ 1
95100 SELB
GERMANY
PH: +49-9287-71-0
FAX: +49-9287-70435

FRANCE

VISHAY S.A.
199, BD DE LA MADELEINE
06003 NICE, CEDEX 1
FRANCE
PH: +33-4-9337-2727
FAX: +33-4-9337-2726

UNITED KINGDOM

VISHAY LTD.
SUITE 6C, TOWER HOUSE
ST. CATHERINE'S COURT
SUNDERLAND ENTERPRISE PARK
SUNDERLAND SR5 3XJ
UNITED KINGDOM
PH: +44-191-516-8584
FAX: +44-191-549-9556