

SMD Power Inductors

Features

- High current capacity.
- Low core loss for high frequency power application..
- Large terminal surface for good PCB bonding



Applications

- Computer
- DVD players
- DC-DC converters

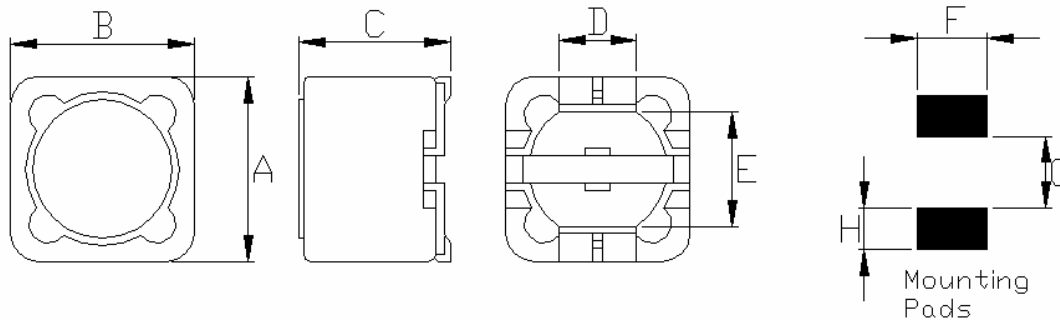
Part Number Systems

SIRH - 0605 - 100 - M - LF

(1) (2) (3) (4) (5)

(1)	Product series	(2)	Size: 0605
(3)	Inductance Value: 100 = 100uH	(4)	Inductance Tolerance:
(5)	ROHs Compliant		M = ± 20%, L = ±15%, K = ± 10%

Shape And Dimensions



Unit: mm

Type	A	B	C (Max)	D Ref.	E Ref.	F Ref	G Ref.	H Ref.
0605	6.6 ± 0.3	6.2 ± 0.3	4.5	1.5	3.8	1.9	3.6	1.6

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SIRH-0605-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRH-0605-100M-LF	10	M	1KHZ	0.120	1.35
SIRH-0605-120M-LF	12	M	1KHZ	0.130	1.22
SIRH-0605-150M-LF	15	M	1KHZ	0.180	1.11
SIRH-0605-180M-LF	18	M	1KHZ	0.240	1.02
SIRH-0605-220M-LF	22	M	1KHZ	0.270	0.91
SIRH-0605-270M-LF	27	M	1KHZ	0.300	0.82
SIRH-0605-330M-LF	33	M	1KHZ	0.330	0.74
SIRH-0605-390M-LF	39	M	1KHZ	0.370	0.69
SIRH-0605-470M-LF	47	M	1KHZ	0.520	0.62
SIRH-0605-560M-LF	56	M	1KHZ	0.560	0.58
SIRH-0605-680M-LF	68	M	1KHZ	0.630	0.51
SIRH-0605-820M-LF	82	M	1KHZ	0.710	0.46
SIRH-0605-101M-LF	100	M	1KHZ	1.030	0.42
SIRH-0605-121M-LF	120	M	1KHZ	1.150	0.38
SIRH-0605-151M-LF	150	M	1KHZ	1.680	0.35
SIRH-0605-181M-LF	180	M	1KHZ	1.870	0.32
SIRH-0605-221M-LF	220	M	1KHZ	2.080	0.29
SIRH-0605-271M-LF	270	M	1KHZ	2.370	0.26
SIRH-0605-331M-LF	330	M	1KHZ	2.670	0.23
SIRH-0605-391M-LF	390	M	1KHZ	2.940	0.22
SIRH-0605-471M-LF	470	M	1KHZ	3.930	0.20
SIRH-0605-561M-LF	560	M	1KHZ	5.430	0.18
SIRH-0605-681M-LF	680	M	1KHZ	7.320	0.17
SIRH-0605-821M-LF	820	M	1KHZ	8.240	0.15
SIRH-0605-102M-LF	1000	M	1KHZ	9.260	0.14

* All specifications are subjected to change without prior notice.