

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

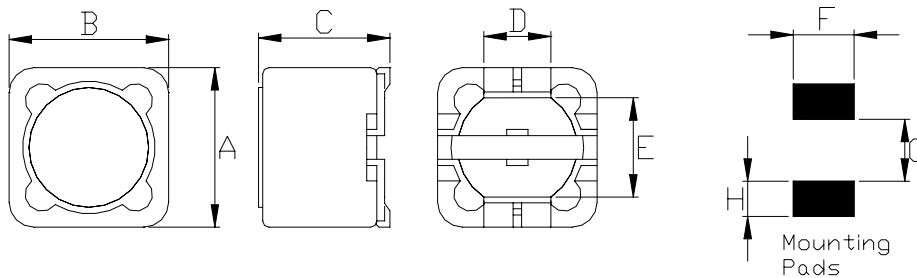
Part Number Systems

SIRH - 0704 - 100 - M - LF

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

(1)	Product series	(2)	Size: 0704
(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.
0704	7.3 ± 0.2	7.3 ± 0.2	4.5	1.8	5.0	2.2	4.8	1.5

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SIRH-0704-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRH-0704-100M-LF	10	M	1KHZ	0.049	1.84
SIRH-0704-120M-LF	12	M	1KHZ	0.058	1.71
SIRH-0704-150M-LF	15	M	1KHZ	0.081	1.47
SIRH-0704-180M-LF	18	M	1KHZ	0.091	1.31
SIRH-0704-220M-LF	22	M	1KHZ	0.110	1.23
SIRH-0704-270M-LF	27	M	1KHZ	0.150	1.12
SIRH-0704-330M-LF	33	M	1KHZ	0.170	0.96
SIRH-0704-390M-LF	39	M	1KHZ	0.230	0.91
SIRH-0704-470M-LF	47	M	1KHZ	0.260	0.88
SIRH-0704-560M-LF	56	M	1KHZ	0.350	0.75
SIRH-0704-680M-LF	68	M	1KHZ	0.380	0.69
SIRH-0704-820M-LF	82	M	1KHZ	0.430	0.61
SIRH-0704-101M-LF	100	M	1KHZ	0.610	0.60
SIRH-0704-121M-LF	120	M	1KHZ	0.660	0.52
SIRH-0704-151M-LF	150	M	1KHZ	0.880	0.46
SIRH-0704-181M-LF	180	M	1KHZ	0.980	0.42
SIRH-0704-221M-LF	220	M	1KHZ	1.170	0.36
SIRH-0704-271M-LF	270	M	1KHZ	1.640	0.34
SIRH-0704-331M-LF	330	M	1KHZ	1.860	0.32
SIRH-0704-391M-LF	390	M	1KHZ	2.850	0.29
SIRH-0704-471M-LF	470	M	1KHZ	3.010	0.26
SIRH-0704-561M-LF	560	M	1KHZ	3.620	0.23
SIRH-0704-681M-LF	680	M	1KHZ	4.620	0.22
SIRH-0704-821M-LF	820	M	1KHZ	5.200	0.20
SIRH-0704-102M-LF	1000	M	1KHZ	6.000	0.18

* All specifications are subjected to change without prior notice.