

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

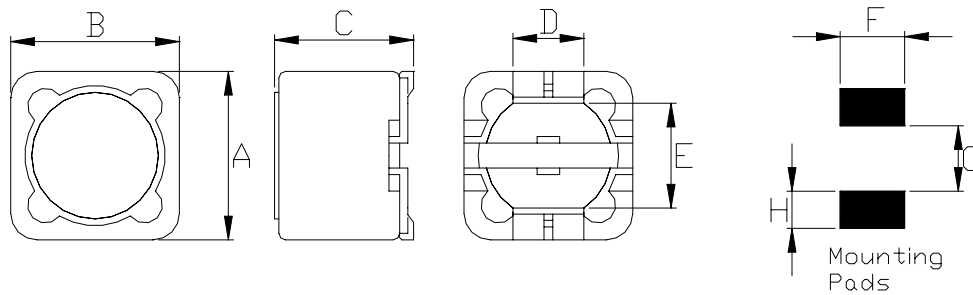
Part Number Systems

SIRH - 0703 - 100 - M - LF

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

(1)	Product series	(2)	Size: 0703
(3)	Inductance Value: 100 = 100uH	(4)	Inductance Tolerance: M = ± 20%, L = ±15%, K = ± 10%
(5)	ROHs Compliant		

Shape And Dimensions



Unit: mm

Type	A	B	C (Max)	D Ref.	E Ref.	F Ref	G Ref.	H Ref.
0703	7.3 ± 0.2	7.3 ± 0.2	3.4	1.8	5.0	2.2	4.8	1.5

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SIRH-0703-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRH-0703-100M-LF	10	M	1KHZ	0.072	1.68
SIRH-0703-120M-LF	12	M	1KHZ	0.098	1.52
SIRH-0703-150M-LF	15	M	1KHZ	0.130	1.33
SIRH-0703-180M-LF	18	M	1KHZ	0.140	1.20
SIRH-0703-220M-LF	22	M	1KHZ	0.190	1.07
SIRH-0703-270M-LF	27	M	1KHZ	0.210	0.96
SIRH-0703-330M-LF	33	M	1KHZ	0.240	0.91
SIRH-0703-390M-LF	39	M	1KHZ	0.320	0.77
SIRH-0703-470M-LF	47	M	1KHZ	0.360	0.46
SIRH-0703-560M-LF	56	M	1KHZ	0.470	0.68
SIRH-0703-680M-LF	68	M	1KHZ	0.520	0.61
SIRH-0703-820M-LF	82	M	1KHZ	0.690	0.57
SIRH-0703-101M-LF	100	M	1KHZ	0.790	0.50
SIRH-0703-121M-LF	120	M	1KHZ	0.890	0.49
SIRH-0703-151M-LF	150	M	1KHZ	1.270	0.43
SIRH-0703-181M-LF	180	M	1KHZ	1.450	0.39
SIRH-0703-221M-LF	220	M	1KHZ	1.650	0.35
SIRH-0703-271M-LF	270	M	1KHZ	2.310	0.32
SIRH-0703-331M-LF	330	M	1KHZ	2.620	0.28
SIRH-0703-391M-LF	390	M	1KHZ	2.940	0.26
SIRH-0703-471M-LF	470	M	1KHZ	4.180	0.24
SIRH-0703-561M-LF	560	M	1KHZ	4.670	0.22
SIRH-0703-681M-LF	680	M	1KHZ	5.730	0.19
SIRH-0703-821M-LF	820	M	1KHZ	6.540	0.18
SIRH-0703-102M-LF	1000	M	1KHZ	9.440	0.16

* All specifications are subjected to change without prior notice.