

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

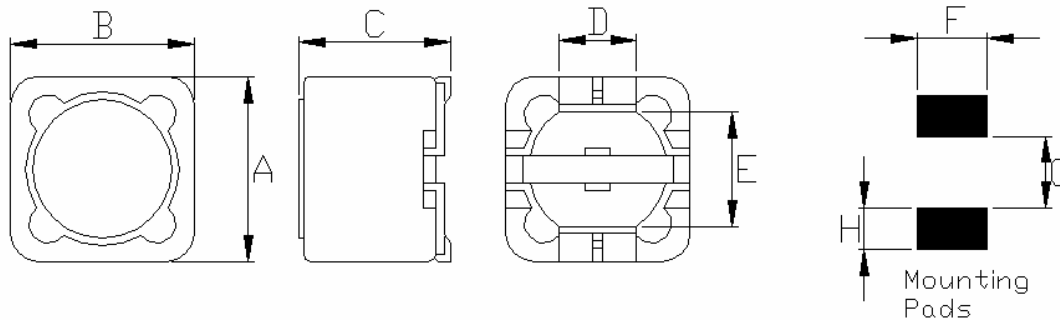
Part Number Systems

SIRH - 1204 - 100 - M - LF

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

(1)	Product series	(2)	Size: 1204
(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.
1204	12 ± 0.3	12 ± 0.3	4.5	5.0	7.6	5.4	7.0	2.8

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SIRH-1204-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRH-1204-3R9M-LF	3.9	M	7.96MHZ	0.015	6.50
SIRH-1204-4R7M-LF	4.7	M	7.96MHZ	0.018	5.70
SIRH-1204-6R8M-LF	6.8	M	7.96MHZ	0.023	4.90
SIRH-1204-100M-LF	10	M	1KHZ	0.028	4.50
SIRH-1204-120M-LF	12	M	1KHZ	0.038	4.00
SIRH-1204-150M-LF	15	M	1KHZ	0.050	3.20
SIRH-1204-180M-LF	18	M	1KHZ	0.057	3.10
SIRH-1204-220M-LF	22	M	1KHZ	0.066	2.90
SIRH-1204-270M-LF	27	M	1KHZ	0.080	2.80
SIRH-1204-330M-LF	33	M	1KHZ	0.097	2.70
SIRH-1204-390M-LF	39	M	1KHZ	0.132	2.10
SIRH-1204-470M-LF	47	M	1KHZ	0.150	1.90
SIRH-1204-560M-LF	56	M	1KHZ	0.190	1.80
SIRH-1204-680M-LF	68	M	1KHZ	0.220	1.50
SIRH-1204-820M-LF	82	M	1KHZ	0.260	1.30
SIRH-1204-101M-LF	100	M	1KHZ	0.308	1.20
SIRH-1204-121M-LF	120	M	1KHZ	0.380	1.10
SIRH-1204-151M-LF	150	M	1KHZ	0.530	0.95
SIRH-1204-181M-LF	180	M	1KHZ	0.620	0.85
SIRH-1204-221M-LF	220	M	1KHZ	0.700	0.80
SIRH-1204-271M-LF	270	M	1KHZ	0.876	0.60
SIRH-1204-331M-LF	330	M	1KHZ	0.990	0.50

* All specifications are subjected to change without prior notice.