

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

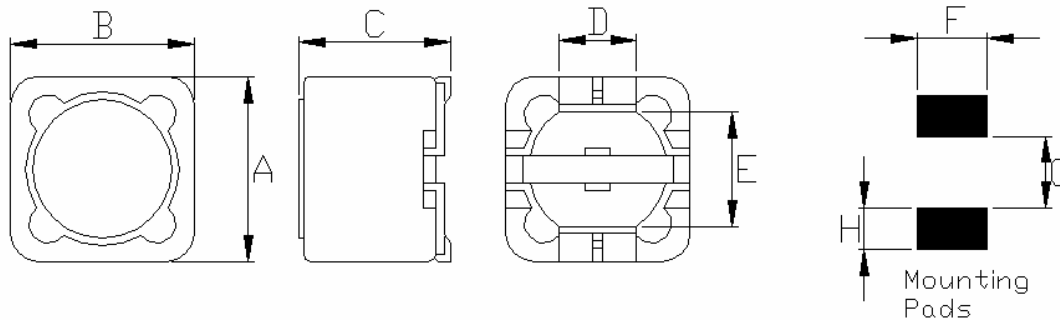
Part Number Systems

SIRH - 1207 - 100 - M - LF

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

(1)	Product series	(2)	Size: 1207
(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.
1207	12 ± 0.3	12 ± 0.3	8.0	5.0	7.6	5.4	7.0	2.9

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SIRH-1207-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRH-1207-1R2M-LF	1.2	M	100KHZ	0.007	9.80
SIRH-1207-2R4M-LF	2.4	M	100KHZ	0.012	8.00
SIRH-1207-3R5M-LF	3.5	M	100KHZ	0.014	7.50
SIRH-1207-4R7M-LF	4.7	M	100KHZ	0.016	6.80
SIRH-1207-6R1M-LF	6.1	M	100KHZ	0.018	6.60
SIRH-1207-7R6M-LF	7.6	M	100KHZ	0.020	5.90
SIRH-1207-100M-LF	10	M	1KHZ	0.022	5.40
SIRH-1207-120M-LF	12	M	1KHZ	0.025	4.90
SIRH-1207-150M-LF	15	M	1KHZ	0.027	4.50
SIRH-1207-180M-LF	18	M	1KHZ	0.040	3.90
SIRH-1207-220M-LF	22	M	1KHZ	0.044	3.60
SIRH-1207-270M-LF	27	M	1KHZ	0.046	3.40
SIRH-1207-330M-LF	33	M	1KHZ	0.065	3.00
SIRH-1207-390M-LF	39	M	1KHZ	0.073	2.75
SIRH-1207-470M-LF	47	M	1KHZ	0.100	2.50

* All specifications are subjected to change without prior notice.