

SMD Power Inductors

Features

- Low profile type with low Rdc and large current.
- The magnetic shielded type is suitable and high density mounting



Applications

- Mobile Phone
- Personal Computer
- Hard Disk Drivers

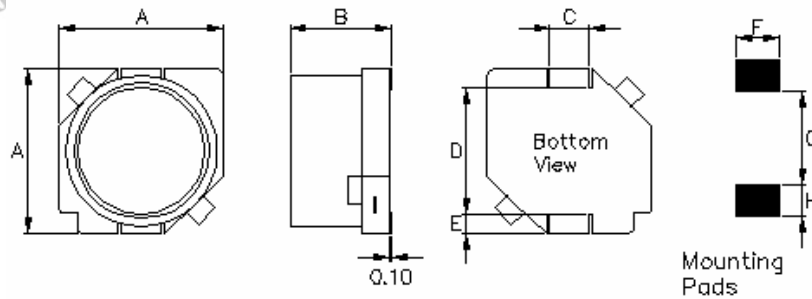
Part Number Systems

SIRB - 1255 - 4R7 - M - LF

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

(1)	Product series	(2)	Size: 1255
(3)	Inductance Value: 4R7 = 4.7uH	(4)	Inductance Tolerance:
(5)	ROHs Compliant		M = ± 20%, L = ±15%, K = ± 10%

Shape And Dimensions



Unit: mm

Type	A	B	C	D	E	F Ref	G Ref.	H Ref.
1255	12.5± 0.3	5.5 ± 0.3	3.0 ± 0.1	8.6 ± 0.3	2.0 ± 0.15	3.2	8.6	2.5

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SIRB-1255-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRB-1255-6R0M-LF	6	M	1KHZ	0.0164	3.60
SIRB-1255-100M-LF	10	M	1KHZ	0.2150	3.40
SIRB-1255-150M-LF	15	M	1KHZ	0.2590	2.80
SIRB-1255-220M-LF	22	M	1KHZ	0.0338	2.30
SIRB-1255-330M-LF	33	M	1KHZ	0.0415	1.90
SIRB-1255-470M-LF	47	M	1KHZ	0.0618	1.60
SIRB-1255-680M-LF	68	M	1KHZ	0.0832	1.30
SIRB-1255-101M-LF	100	M	1KHZ	0.1170	1.10
SIRB-1255-151M-LF	150	M	1KHZ	0.1900	0.88
SIRB-1255-221M-LF	220	M	1KHZ	0.2700	0.72
SIRB-1255-331M-LF	330	M	1KHZ	0.4100	0.59
SIRB-1255-471M-LF	470	M	1KHZ	0.5200	0.49
SIRB-1255-681M-LF	680	M	1KHZ	0.7600	0.43
SIRB-1255-102M-LF	1000	M	1KHZ	1.1200	0.34
SIRB-1255-152M-LF	1500	M	1KHZ	1.7300	0.29

* All specifications are subjected to change without prior notice.