

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

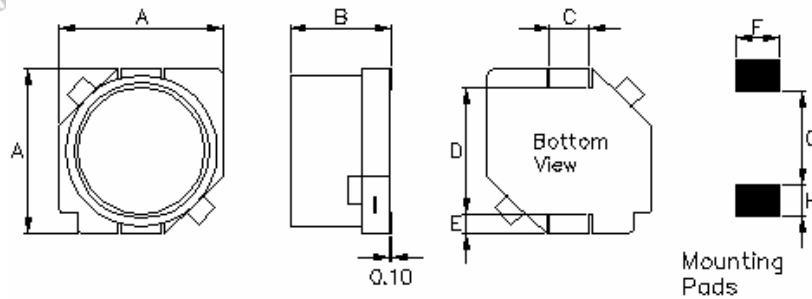
Part Number Systems

SIRB - 1275 - 2R7 - M - LF

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

(1)	Product series	(2)	Size: 1275
(3)	Inductance Value: 2R7 = 2.7uH	(4)	Inductance Tolerance: M = ± 20%, Y = ± 30%
(5)	ROHs Compliant		

Shape And Dimensions



Unit: mm

Type	A	B	C	D	E	F Ref	G Ref.	H Ref.
1275	12.5± 0.3	7.5 ± 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-1275-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRB-1275-1R2M-LF	1.2	Y	1KHZ	0.0069	8.20
SIRB-1275-2R7M-LF	2.7	Y	1KHZ	0.0094	7.00
SIRB-1275-3R9M-LF	3.9	Y	1KHZ	0.0140	6.70
SIRB-1275-5R6M-LF	5.6	Y	1KHZ	0.0116	6.30
SIRB-1275-6R8M-LF	6.8	Y	1KHZ	0.0131	5.90
SIRB-1275-100M-LF	10	M	1KHZ	0.0156	5.40
SIRB-1275-150M-LF	15	M	1KHZ	0.0184	4.70
SIRB-1275-220M-LF	22	M	1KHZ	0.0263	4.00
SIRB-1275-330M-LF	33	M	1KHZ	0.0395	3.20
SIRB-1275-470M-LF	47	M	1KHZ	0.0528	2.70
SIRB-1275-680M-LF	68	M	1KHZ	0.0778	2.00
SIRB-1275-101M-LF	100	M	1KHZ	0.1250	1.90
SIRB-1275-151M-LF	150	M	1KHZ	0.1750	1.50
SIRB-1275-221M-LF	220	M	1KHZ	0.2580	1.30

* All specifications are subjected to change without prior notice.