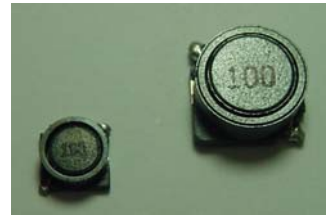


SMD Power Inductors

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

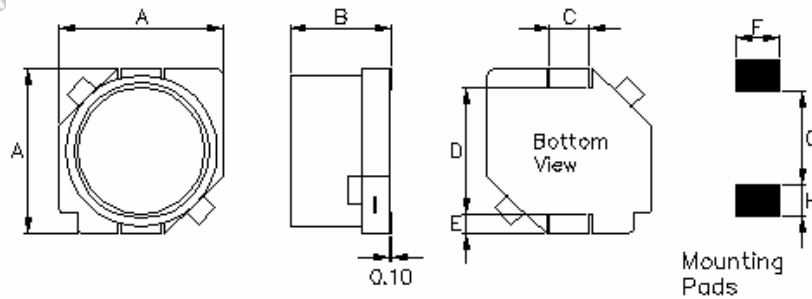
Part Number Systems

SIRB - 6028 - 4R7 - M - LF

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

(1)	Product series	(2)	Size: 6028
(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.
6028	6.0 ± 0.2	2.8 ± 0.2	2.0 ± 0.1	4.0 Typ	0.9	2.2	4.0	1.5

SMD Power Inductors

SIRB-6028-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRB-6028-4R7M-LF	4.7	M	1KHZ	0.0284	1.60
SIRB-6028-6R8M-LF	6.8	M	1KHZ	0.0354	1.50
SIRB-6028-100M-LF	10	M	1KHZ	0.0532	1.30
SIRB-6028-150M-LF	15	M	1KHZ	0.0745	1.00
SIRB-6028-220M-LF	22	M	1KHZ	0.1040	0.77
SIRB-6028-330M-LF	33	M	1KHZ	0.1480	0.69
SIRB-6028-470M-LF	47	M	1KHZ	0.2100	0.59
SIRB-6028-680M-LF	68	M	1KHZ	0.2900	0.50
SIRB-6028-101M-LF	100	M	1KHZ	0.4300	0.42

* All specifications are subjected to change without prior notice.