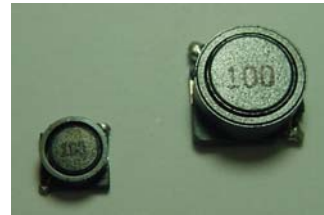


SMD Power Inductors

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

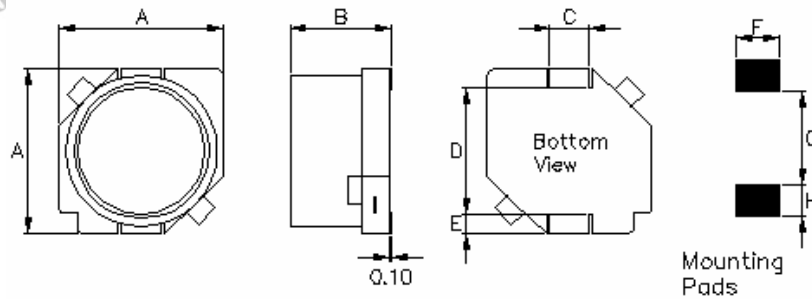
Part Number Systems

SIRB - 7045 - 4R7 - M - LF

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

(1)	Product series	(2)	Size: 7045
(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.
7045	7.0 ± 0.2	4.5 ± 0.2	2.0 ± 0.1	4.9 Typ	0.9	2.2	4.9	1.5

SMD Power Inductors

SIRB-7045-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRB-7045-3R3M-LF	3.3	M	1KHZ	0.020	2.50
SIRB-7045-4R7M-LF	4.7	M	1KHZ	0.030	2.00
SIRB-7045-6R8M-LF	6.8	M	1KHZ	0.039	1.70
SIRB-7045-100M-LF	10	M	1KHZ	0.036	1.30
SIRB-7045-150M-LF	15	M	1KHZ	0.052	1.10
SIRB-7045-220M-LF	22	M	1KHZ	0.061	0.90
SIRB-7045-330M-LF	33	M	1KHZ	0.096	0.82
SIRB-7045-470M-LF	47	M	1KHZ	0.125	0.75
SIRB-7045-680M-LF	68	M	1KHZ	0.175	0.60
SIRB-7045-101M-LF	100	M	1KHZ	0.250	0.50
SIRB-7045-151M-LF	150	M	1KHZ	0.340	0.40
SIRB-7045-221M-LF	220	M	1KHZ	0.520	0.33
SIRB-7045-331M-LF	330	M	1KHZ	0.740	0.25
SIRB-7045-471M-LF	470	M	1KHZ	1.050	0.22
SIRB-7045-681M-LF	680	M	1KHZ	1.480	0.20
SIRB-7045-102M-LF	1000	M	1KHZ	2.280	0.14

* All specifications are subjected to change without prior notice.