

# 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

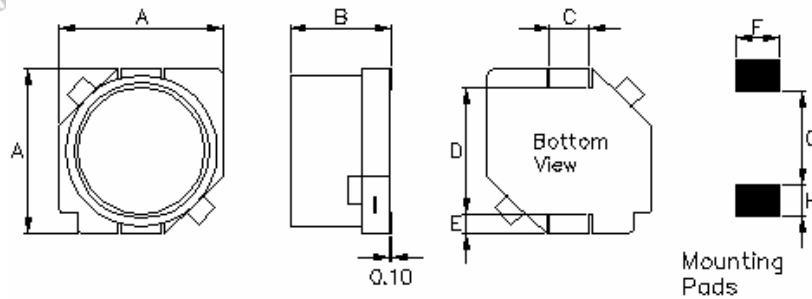
## Part Number Systems

**SIRB - 1045 - 4R7 - M - LF**

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

(1)	Product series	(2)	Size: 1045
(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.
1045	10.1 ± 0.3	4.5 ± 0.3	3.0 ± 0.1	5.0 ± 0.2	2.0 ± 0.15	2.2	5.8	2.5

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SIRB-1045-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Idc (A) Max
SIRB-1045-100M-LF	10	M	1KHZ	0.0384	2.50
SIRB-1045-150M-LF	15	M	1KHZ	0.0472	2.20
SIRB-1045-220M-LF	22	M	1KHZ	0.0591	1.90
SIRB-1045-330M-LF	33	M	1KHZ	0.0815	1.60
SIRB-1045-470M-LF	47	M	1KHZ	0.1000	1.40
SIRB-1045-680M-LF	68	M	1KHZ	0.1400	1.20
SIRB-1045-101M-LF	100	M	1KHZ	0.2000	1.00
SIRB-1045-151M-LF	150	M	1KHZ	0.3500	0.79
SIRB-1045-221M-LF	220	M	1KHZ	0.4700	0.65
SIRB-1045-331M-LF	330	M	1KHZ	0.6800	0.54
SIRB-1045-471M-LF	470	M	1KHZ	1.0300	0.47
SIRB-1045-681M-LF	680	M	1KHZ	1.5000	0.38
SIRB-1045-102M-LF	1000	M	1KHZ	2.8000	0.29
SIRB-1045-152M-LF	1500	M	1KHZ	3.4000	0.22

\* All specifications are subjected to change without prior notice.