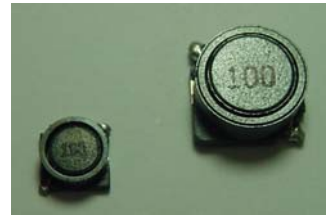


# SMD Power Inductors

## 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

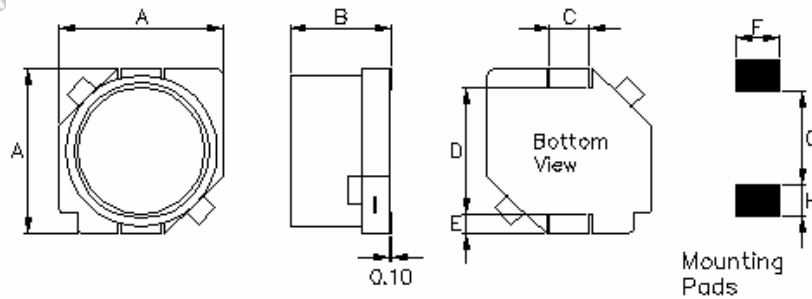
## Part Number Systems

**SIRB - 6025 - 4R7 - M - LF**

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

(1)	Product series	(2)	Size: 6025
(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.
6025	6.0 ± 0.2	2.5 ± 0.2	2.0 ± 0.1	4.0 Typ	0.9	2.2	4.0	1.5

## SMD Power Inductors

SIRB-6025-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc ( $\Omega$ ) Max	Idc (A) Max
SIRB-6025-4R7M-LF	4.7	M	1KHZ	0.0367	1.50
SIRB-6025-6R8M-LF	6.8	M	1KHZ	0.0530	1.30
SIRB-6025-100M-LF	10	M	1KHZ	0.0687	1.00
SIRB-6025-150M-LF	15	M	1KHZ	0.1020	0.88
SIRB-6025-220M-LF	22	M	1KHZ	0.1464	0.73
SIRB-6025-330M-LF	33	M	1KHZ	0.2160	0.59
SIRB-6025-470M-LF	47	M	1KHZ	0.2880	0.48
SIRB-6025-680M-LF	68	M	1KHZ	0.4440	0.42
SIRB-6025-101M-LF	100	M	1KHZ	0.6000	0.33

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