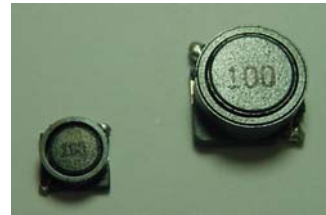


# SMD Power Inductors

## 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

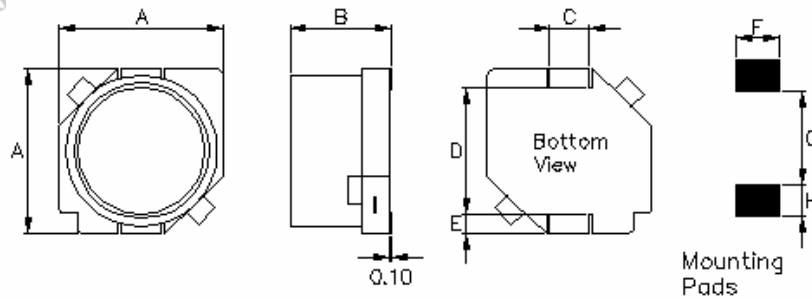
## Part Number Systems

**SIRB - 1265 - 4R2 - M - LF**

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

(1)	Product series	(2)	Size: 1265
(3)	Inductance Value: 4R2 = 4.2uH	(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.
1265	12.5 ± 0.2	6.5 ± 0.3	3.0 ± 0.1	8.6 ± 0.3	2.0 ± 0.15	3.2	8.6	2.5

## SMD Power Inductors

SIRB-1265-Series		ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc ( $\Omega$ ) Max	Idc (A) Max
SIRB-1265-2R0M-LF	2.0	M	1KHZ	0.0117	6.20
SIRB-1265-4R2M-LF	4.2	M	1KHZ	0.0150	5.50
SIRB-1265-7R0M-LF	7.0	M	1KHZ	0.0177	5.00
SIRB-1265-100M-LF	10	M	1KHZ	0.0202	4.80
SIRB-1265-150M-LF	15	M	1KHZ	0.0237	4.20
SIRB-1265-330M-LF	33	M	1KHZ	0.0406	2.80
SIRB-1265-470M-LF	47	M	1KHZ	0.0578	2.40
SIRB-1265-680M-LF	68	M	1KHZ	0.0787	2.00
SIRB-1265-101M-LF	100	M	1KHZ	0.1230	1.60
SIRB-1265-221M-LF	220	M	1KHZ	0.2730	1.00

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