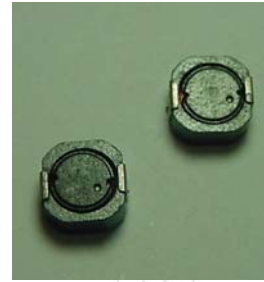


SMD Power Inductors

Features

- Low Profile.
- Ideal for a variety of DC-DC converter inductor applications.
- Magnetically shielded.
- Suitable for reflow soldering.



Applications

- Mobile phone
- PDA

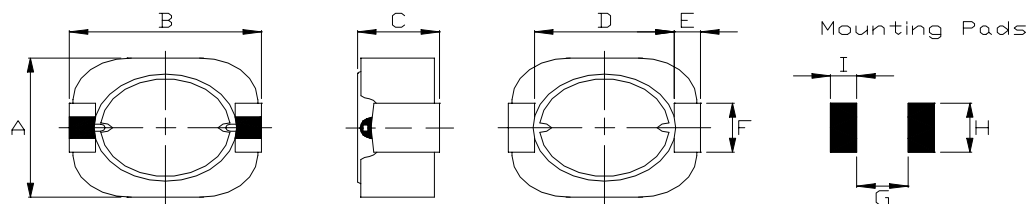
Part Number Systems

SIRHC – 63LCB – 1R0 – M - LF

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

(1)	Product series	(2)	Size
(3)	Inductance Value: 100 = 100uH	(4)	Inductance Tolerance: M = ± 20%, L = ±15%, K = ± 10%
(5)	ROHs Compliant		

Shape And Dimensions



Unit: mm

Type	A (Max)	B (Max)	C (Max)	D Ref.	E Ref.	F Ref.	G Ref.	H Ref.	I Ref.
63LCB	6.2	6.3	3.0	4.8	0.6	2.0	4.6	2.6	1.0

SMD Power Inductors

SIRHC-63LCB-Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Isat (A)	Irms (A)
SIRHC-63LCB-1R0M-LF	1.0	M	100KHZ	0.0132	3.59	4.03
SIRHC-63LCB-1R5M-LF	1.5	M	100KHZ	0.0156	2.93	3.63
SIRHC-63LCB-2R2M-LF	2.2	M	100KHZ	0.0192	2.42	2.30
SIRHC-63LCB-3R6M-LF	3.6	M	100KHZ	0.0252	1.89	2.83
SIRHC-63LCB-4R7M-LF	4.7	M	100KHZ	0.0324	1.66	2.45
SIRHC-63LCB-6R2M-LF	6.2	M	100KHZ	0.0384	1.45	2.20
SIRHC-63LCB-100M-LF	10	M	100KHZ	0.0588	1.14	1.77
SIRHC-63LCB-120M-LF	12	M	100KHZ	0.0624	1.04	1.70
SIRHC-63LCB-150M-LF	15	M	100KHZ	0.0744	0.93	1.55
SIRHC-63LCB-180M-LF	18	M	100KHZ	0.0888	0.85	1.41
SIRHC-63LCB-220M-LF	22	M	100KHZ	0.1140	0.77	1.23
SIRHC-63LCB-270M-LF	27	M	100KHZ	0.1440	0.70	1.08
SIRHC-63LCB-330M-LF	33	M	100KHZ	0.1680	0.63	0.99
SIRHC-63LCB-390M-LF	39	M	100KHZ	0.1800	0.58	0.95
SIRHC-63LCB-470M-LF	47	M	100KHZ	0.2220	0.53	0.84
SIRHC-63LCB-560M-LF	56	M	100KHZ	0.2640	0.48	0.76
SIRHC-63LCB-680M-LF	68	M	100KHZ	0.3240	0.44	0.69
SIRHC-63LCB-820M-LF	82	M	100KHZ	0.3960	0.40	0.61
SIRHC-63LCB-101M-LF	100	M	100KHZ	0.4980	0.36	0.54
SIRHC-63LCB-151M-LF	150	M	100KHZ	0.7380	0.31	0.42

* All specifications are subjected to change without prior notice.