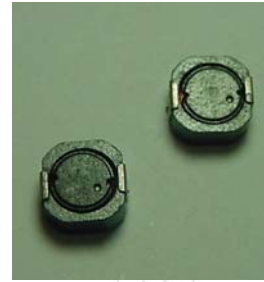


SMD Power Inductors

Features

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



Applications

- Mobile phone
- PDA

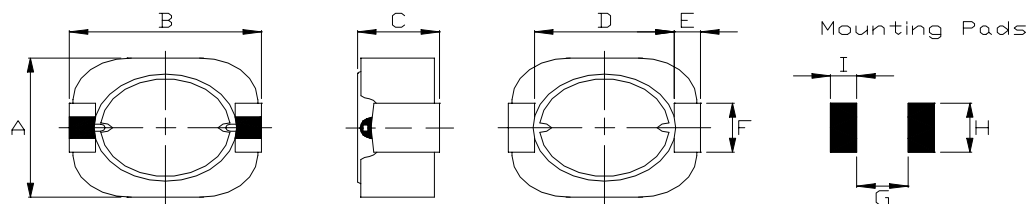
Part Number Systems

SIRHC – 62LCB – 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.
62LCB	6.2	6.3	2.0	4.8	0.6	2.0	4.6	2.6	1.0

SMD Power Inductors

SIRHC-62LCB-Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Isat (A)	Irms (A)
SIRHC-62LCB-1R0M-LF	1.0	M	100KHZ	0.016	3.50	3.48
SIRHC-62LCB-1R5M-LF	1.5	M	100KHZ	0.021	2.94	2.99
SIRHC-62LCB-2R0M-LF	2.0	M	100KHZ	0.028	2.47	2.33
SIRHC-62LCB-3R3M-LF	3.3	M	100KHZ	0.047	1.99	1.97
SIRHC-62LCB-4R7M-LF	4.7	M	100KHZ	0.066	1.59	1.54
SIRHC-62LCB-6R2M-LF	6.2	M	100KHZ	0.074	1.49	1.45
SIRHC-62LCB-8R2M-LF	8.2	M	100KHZ	0.102	1.25	1.23
SIRHC-62LCB-100M-LF	10	M	100KHZ	0.118	1.22	1.09
SIRHC-62LCB-120M-LF	12	M	100KHZ	0.153	0.99	1.10
SIRHC-62LCB-150M-LF	15	M	100KHZ	0.179	0.94	0.82
SIRHC-62LCB-180M-LF	18	M	100KHZ	0.207	0.83	0.90
SIRHC-62LCB-220M-LF	22	M	100KHZ	0.252	0.80	0.74
SIRHC-62LCB-270M-LF	27	M	100KHZ	0.330	0.65	0.65
SIRHC-62LCB-330M-LF	33	M	100KHZ	0.368	0.63	0.61
SIRHC-62LCB-390M-LF	39	M	100KHZ	0.473	0.55	0.56
SIRHC-62LCB-470M-LF	47	M	100KHZ	0.542	0.50	0.52

* All specifications are subjected to change without prior notice.