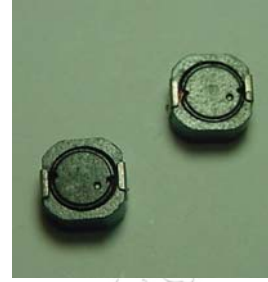


# SMD Power Inductors

## Features

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



## Applications

- Mobile phone
- PDA

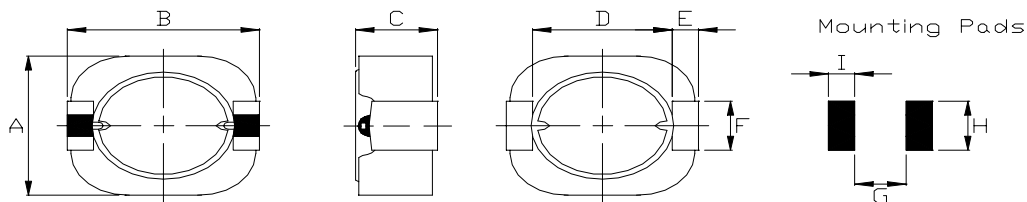
## Part Number Systems

**SIRHC – 62CB – 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.
62CB	6.2	6.3	2.5	4.8	0.6	2.0	4.6	2.6	1.0

## SMD Power Inductors

SIRHC-62CB-Series		ELECTRICAL CHARACTERISTICS				
Part Number	Inductance (uH)	Tolerance	L Test Frequency	Rdc (Ω) Max	Isat (A)	Irms (A)
SIRHC-62CB-1R0M-LF	1.0	M	100KHZ	0.013	3.48	3.84
SIRHC-62CB-1R5M-LF	1.5	M	100KHZ	0.017	2.83	3.40
SIRHC-62CB-2R0M-LF	2.0	M	100KHZ	0.020	2.44	3.10
SIRHC-62CB-3R3M-LF	3.3	M	100KHZ	0.029	1.89	2.55
SIRHC-62CB-4R3M-LF	4.3	M	100KHZ	0.037	1.65	2.23
SIRHC-62CB-6R2M-LF	6.2	M	100KHZ	0.051	1.37	1.85
SIRHC-62CB-100M-LF	10	M	100KHZ	0.077	1.07	1.48
SIRHC-62CB-120M-LF	12	M	100KHZ	0.090	0.97	1.35
SIRHC-62CB-150M-LF	15	M	100KHZ	0.087	0.87	1.24
SIRHC-62CB-180M-LF	18	M	100KHZ	0.104	0.79	1.11
SIRHC-62CB-220M-LF	22	M	100KHZ	0.156	0.71	1.00
SIRHC-62CB-270M-LF	27	M	100KHZ	0.204	0.64	0.86
SIRHC-62CB-330M-LF	33	M	100KHZ	0.240	0.58	0.80
SIRHC-62CB-390M-LF	39	M	100KHZ	0.294	0.53	0.70
SIRHC-62CB-470M-LF	47	M	100KHZ	0.348	0.48	0.63
SIRHC-62CB-560M-LF	56	M	100KHZ	0.414	0.44	0.58
SIRHC-62CB-680M-LF	68	M	100KHZ	0.480	0.40	0.53
SIRHC-62CB-820M-LF	82	M	100KHZ	0.558	0.36	0.49
SIRHC-62CB-101M-LF	100	M	100KHZ	0.780	0.33	0.43

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