

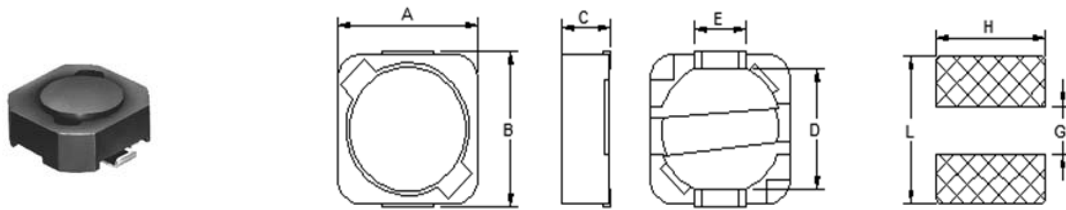
### Features

1. Excellent solderability and high heat resistance.
2. Takes up less PCB real estate and save more power
3. Suitable for surface mounting equipment
4. With magnetic shield against radiation

### Applications

Ideally used in Mobilephone, PDS, MP3, DVC, Portable DVD etc.. As DC-DC convertor inductors.

### Shapes and Dimensions



Packing Q'ty : 1,500 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH62B	6.2 ± 0.3	5.9 ± 0.3	3.0 Max.	4.6 ± 0.2	1.5	7.3	4.0	2.0

### Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH62B-2R9NC	2.9 ± 30%	100	0.068	1.94
SDRH62B-4R0NC	4.0 ± 30%	100	0.080	1.63
SDRH62B-5R5NC	5.5 ± 30%	100	0.096	1.40
SDRH62B-6R3NC	6.3 ± 30%	100	0.100	1.30
SDRH62B-7R1NC	7.1 ± 30%	100	0.110	1.22
SDRH62B-8R0NC	8.0 ± 30%	100	0.120	1.15
SDRH62B-100MC	10 ± 20%	100	0.150	1.10
SDRH62B-120MC	12 ± 20%	100	0.200	1.00
SDRH62B-150MC	15 ± 20%	100	0.230	0.90
SDRH62B-180MC	18 ± 20%	100	0.270	0.80
SDRH62B-220MC	22 ± 20%	100	0.340	0.74
SDRH62B-270MC	27 ± 20%	100	0.380	0.66
SDRH62B-330MC	33 ± 20%	100	0.450	0.59
SDRH62B-390MC	39 ± 20%	100	0.490	0.54
SDRH62B-470MC	47 ± 20%	100	0.690	0.50
SDRH62B-560MC	56 ± 20%	100	0.780	0.46
SDRH62B-680MC	68 ± 20%	100	1.070	0.42
SDRH62B-820MC	82 ± 20%	100	1.210	0.38
SDRH62B-101MC	100 ± 20%	100	1.390	0.34
SDRH62B-121MC	120 ± 20%	100	1.900	0.31
SDRH62B-151MC	150 ± 20%	100	2.180	0.28
SDRH62B-181MC	180 ± 20%	100	2.770	0.26
SDRH62B-221MC	220 ± 20%	100	3.120	0.23
SDRH62B-271MC	270 ± 20%	100	4.380	0.22
SDRH62B-331MC	330 ± 20%	100	4.940	0.19
SDRH62B-102MC	1,000 ± 20%	100	10.800	0.08

NOTES:

All test data is referenced to 25°C ambient

Isat: DC current at which the inductance drops approximately 35% from its value without current.

Irms: DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient