

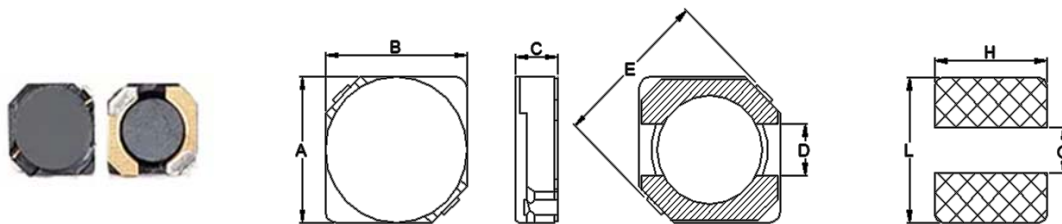
Features

- Excellent solderability and high heat resistance.
- Takes up less PCB real estate and save more power
- Packed in carrier tape and suitable for Surface Mounting Machine.
- Magnetic shielded type against radiation

Applications

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

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH6D38	6.7 ± 0.3	6.7 ± 0.3	3.0 Max.	2.00	9.50	7.30	2.00	7.30

Electrical Characteristics

Part No.	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH6D38-3R0NC	3.0 ± 30%	100	0.020	3.50
SDRH6D38-5R0NC	5.0 ± 30%	100	0.024	2.90
SDRH6D38-6R2NC	6.2 ± 30%	100	0.027	2.50
SDRH6D38-7R3NC	7.3 ± 30%	100	0.031	2.30
SDRH6D38-8R6NC	8.6 ± 30%	100	0.034	2.20
SDRH6D38-100NC	10 ± 30%	100	0.038	2.00
SDRH6D38-120NC	12 ± 30%	100	0.053	1.70
SDRH6D38-150NC	15 ± 30%	100	0.057	1.60
SDRH6D38-180NC	18 ± 30%	100	0.092	1.50
SDRH6D38-220NC	22 ± 30%	100	0.096	1.30
SDRH6D38-270NC	27 ± 30%	100	0.109	1.20
SDRH6D38-330NC	33 ± 30%	100	0.124	1.10
SDRH6D38-390NC	39 ± 30%	100	0.138	1.00
SDRH6D38-470NC	47 ± 30%	100	0.155	0.95
SDRH6D38-560NC	56 ± 30%	100	0.202	0.85
SDRH6D38-680NC	68 ± 30%	100	0.234	0.75
SDRH6D38-820NC	82 ± 30%	100	0.324	0.70
SDRH6D38-101MC	100 ± 20%	100	0.358	0.65
SDRH6D38-121MC	120 ± 20%	100	0.470	0.59
SDRH6D38-151MC	150 ± 20%	100	0.580	0.54
SDRH6D38-181MC	180 ± 20%	100	0.690	0.49
SDRH6D38-221MC	220 ± 20%	100	0.890	0.43
SDRH6D38-271MC	270 ± 20%	100	1.290	0.40
SDRH6D38-331MC	330 ± 20%	100	1.700	0.37
SDRH6D38-391MC	390 ± 30%	100	1.750	0.34
SDRH6D38-471MC	470 ± 20%	100	2.200	0.32
SDRH6D38-561MC	560 ± 20%	100	2.850	0.29
SDRH6D38-681MC	680 ± 20%	100	3.200	0.25

NOTES:

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