

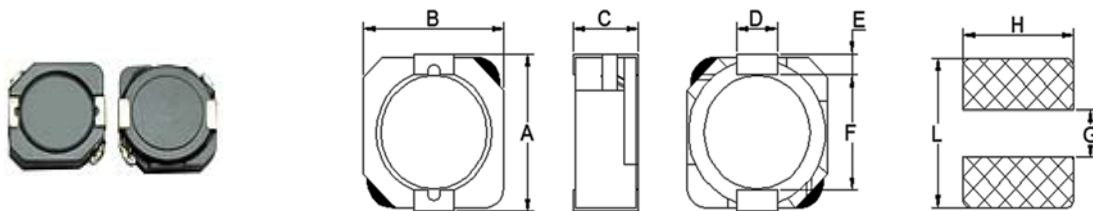
Features

- 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 Notebook PC, Game machine, HDD, DVC, LCD TV etc.. DC-DC converter inductors.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH103R	10.2 ± 0.3	10.0 ± 0.3	2.8 ± 0.3	3.0	1.2	10.7	7.3	3.6

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R (Ω) Max.	Isat (A) Max.	Irms (A) Max.
SDRH103R-0R8NC	0.8 ± 30%	100	0.006	11.20	8.30
SDRH103R-1R5NC	1.5 ± 30%	100	0.011	8.00	5.80
SDRH103R-2R2NC	2.2 ± 30%	100	0.017	6.70	5.10
SDRH103R-3R3NC	3.3 ± 30%	100	0.021	5.56	4.70
SDRH103R-4R7NC	4.7 ± 30%	100	0.030	4.65	4.00
SDRH103R-6R8NC	6.8 ± 30%	100	0.035	3.84	3.60
SDRH103R-8R2NC	8.2 ± 30%	100	0.050	3.54	3.00
SDRH103R-100NC	10 ± 30%	100	0.059	3.18	2.80
SDRH103R-150NC	15 ± 30%	100	0.091	2.60	2.05
SDRH103R-220NC	22 ± 30%	100	0.143	2.16	1.60
SDRH103R-330NC	33 ± 30%	100	0.202	1.74	1.35
SDRH103R-470NC	47 ± 30%	100	0.299	1.43	1.20
SDRH103R-560NC	56 ± 30%	100	0.325	1.36	1.15
SDRH103R-680NC	68 ± 30%	100	0.429	1.22	0.95
SDRH103R-820NC	82 ± 30%	100	0.494	1.14	0.80
SDRH103R-101MC	100 ± 20%	100	0.683	1.02	0.70
SDRH103R-121MC	120 ± 20%	100	0.754	0.89	0.65
SDRH103R-151MC	150 ± 20%	100	0.871	0.84	0.51

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