

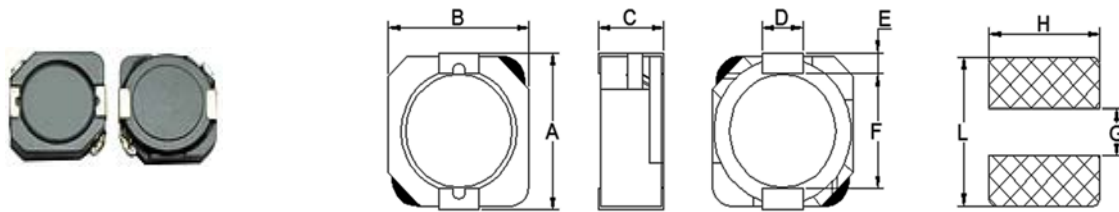
Features

- 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
SDRH104R	10.2 ± 0.3	10.0 ± 0.3	3.8 ± 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.
SDRH104R-1R5NC	1.5 ± 30%	100	0.008	10.00	6.50
SDRH104R-2R5NC	2.5 ± 30%	100	0.011	7.50	6.10
SDRH104R-3R3NC	3.3 ± 30%	100	0.013	6.00	5.50
SDRH104R-5R2NC	5.2 ± 30%	100	0.022	5.50	5.40
SDRH104R-7R0NC	7.0 ± 30%	100	0.027	4.80	4.50
SDRH104R-100NC	10 ± 30%	100	0.035	4.40	3.80
SDRH104R-120NC	12 ± 30%	100	0.046	3.70	3.40
SDRH104R-150NC	15 ± 30%	100	0.050	3.60	3.10
SDRH104R-180NC	18 ± 30%	100	0.069	3.10	2.60
SDRH104R-220NC	22 ± 30%	100	0.073	2.90	2.50
SDRH104R-270NC	27 ± 30%	100	0.088	2.60	2.30
SDRH104R-330NC	33 ± 30%	100	0.093	2.30	2.20
SDRH104R-390NC	39 ± 30%	100	0.127	2.20	2.00
SDRH104R-470NC	47 ± 30%	100	0.128	2.10	1.90
SDRH104R-560NC	56 ± 30%	100	0.188	1.65	1.50
SDRH104R-680NC	68 ± 30%	100	0.213	1.50	1.42
SDRH104R-820NC	82 ± 30%	100	0.283	1.45	1.30
SDRH104R-101MC	100 ± 20%	100	0.304	1.35	1.25
SDRH104R-121MC	120 ± 20%	100	0.375	1.20	1.08
SDRH104R-151MC	150 ± 20%	100	0.506	1.15	0.85
SDRH104R-181MC	180 ± 20%	100	0.568	1.00	0.75
SDRH104R-221MC	220 ± 20%	100	0.756	0.92	0.70
SDRH104R-271MC	270 ± 20%	100	0.853	0.84	0.55
SDRH104R-331MC	330 ± 20%	100	1.090	0.70	0.52

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