

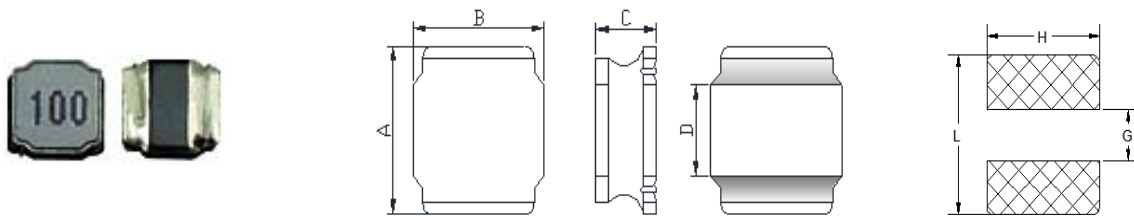
Features

- Magnetic-resin sealed construction reduces buzz noise to ultra-low levels.
- Metalization on ferrit core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux Electro Magnetic Interference (EMI)
- Take up less PCS real estate and save more power.

Applications

- Mobile devices, Cameras, Notebook PCs, Destop Computers, Servers and graphic cards.
- Flat-screen TVs, Blue-ray DISC recorders, Set top boxes and LED lightings.
- Portable gaminge devices, personal navigation systems, Personal Multimedia devices.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	L	G	H
SDNR6040	6.0 ± 0.3	6.0 ± 0.3	4.0 max.	4.9 ± 0.2	6.5 ref.	2.8 ref.	5.7 ref.

Electrical Characteristics

Part No.	Inductance (μH)	Measuring Freq. (KHz)	D.C.R ± 20% (Ω)	Isat. (A)	Irms. (A)	SRF min. (MHz)
SDNR6040-1R0MC	1.0 ± 20%	100	0.008	7.85	6.30	97
SDNR6040-100MC	10 ± 20%	100	0.048	3.20	2.45	16
SDNR6040-120MC	12 ± 20%	100	0.058	2.80	2.20	14
SDNR6040-150MC	15 ± 20%	100	0.068	2.50	2.05	13
SDNR6040-220MC	22 ± 20%	100	0.089	2.05	1.80	10
SDNR6040-330MC	33 ± 20%	100	0.138	1.65	1.45	9.9
SDNR6040-680MC	68 ± 20%	100	0.285	1.15	0.95	5.6
SDNR6040-471MC	470 ± 20%	100	1.790	0.42	0.47	2.0

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