

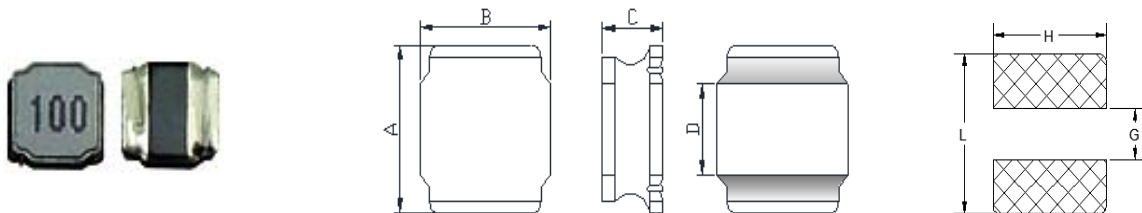
Features

- 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 gaming 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
SDNR4010	4.0 ± 0.2	4.0 ± 0.2	1.0 max.	3.3 ± 0.2	5.0 ref.	1.9 ref.	3.7 ref.

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Freq. (KHz)	D.C.R ± 30% (Ω)	Isat. (A)	Irms. (A)	SRF min. (MHz)
SDNR4010-1R0NC	1.0 ± 30%	100	0.056	2.00	1.90	116
SDNR4010-2R2NC	1.5 ± 30%	100	0.070	1.68	1.70	94
SDNR4010-3R3NC	2.2 ± 30%	100	0.085	1.20	1.50	73
SDNR4010-4R7NC	3.3 ± 30%	100	0.100	1.10	1.40	58
SDNR4010-6R8NC	4.7 ± 30%	100	0.140	0.95	1.20	47
SDNR4010-100MC	6.8 ± 30%	100	0.200	0.80	1.00	38
SDNR4010-150MC	10.0 ± 20%	100	0.300	0.62	0.75	31
SDNR4010-220MC	15.0 ± 20%	100	0.430	0.54	0.60	24
SDNR4010-221MC	22.0 ± 20%	100	0.570	0.45	0.50	19

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