

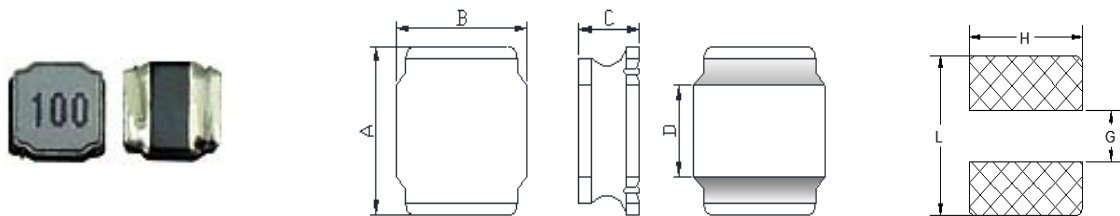
Features

- 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
SDNR4026	4.0 ± 0.2	4.0 ± 0.2	2.6 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 ± 20% (Ω)	Isat. (A)	Irms. (A)	SRF min. (MHz)
SDNR4026-1R0NC	1.0 ± 30%	100	0.024	3.30	3.00	151
SDNR4026-1R2NC	1.2 ± 30%	100	0.030	3.10	2.30	120
SDNR4026-1R5NC	1.5 ± 30%	100	0.035	2.40	2.20	100
SDNR4026-2R2MC	2.2 ± 20%	100	0.040	2.10	2.00	96
SDNR4026-3R3MC	3.3 ± 20%	100	0.050	1.80	1.70	58
SDNR4026-4R7MC	4.7 ± 20%	100	0.055	1.45	1.60	46
SDNR4026-6R8MC	6.8 ± 20%	100	0.065	1.30	1.50	33
SDNR4026-100MC	10 ± 20%	100	0.085	1.00	1.30	26
SDNR4026-150MC	15 ± 20%	100	0.110	0.90	1.10	19
SDNR4026-220MC	22 ± 20%	100	0.165	0.60	0.90	13
SDNR4026-330MC	33 ± 20%	100	0.270	0.55	0.70	9
SDNR4026-470MC	47 ± 20%	100	0.300	0.40	0.65	6

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