

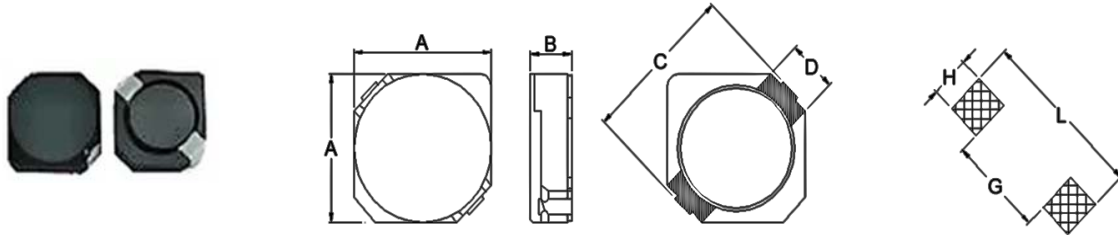
Features

- 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 Mobilephone, PDS, MP3, DVC, Portable DVD etc.. As DC-DC convertor inductors.

Shapes and Dimensions



Packing Q'ty : 2,500 pcs/reel

Type	A	B	C	D	L	G	H
SDRH3D28A	3.8 ± 0.2	3.0 Max.	5.2 Max.	1.1 ± 0.2	5.20	2.40	1.50

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH3D28A-1R0NC	1.0 ± 30%	100	0.038	3.52	2.60
SDRH3D28A-3R3NC	3.3 ± 30%	100	0.072	0.35	1.85
SDRH3D28A-4R7NC	4.7 ± 30%	100	0.088	1.95	1.82
SDRH3D28A-6R8NC	6.8 ± 30%	100	0.119	1.46	1.32
SDRH3D28A-100NC	10.0 ± 30%	100	0.145	1.23	1.18
SDRH3D28A-150NC	15.0 ± 30%	100	0.213	1.05	1.02
SDRH3D28A-220NC	22.0 ± 30%	100	0.325	0.90	0.74
SDRH3D28A-330NC	33.0 ± 30%	100	0.481	0.68	0.63
SDRH3D28A-470NC	47.0 ± 30%	100	0.599	0.56	0.56

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