

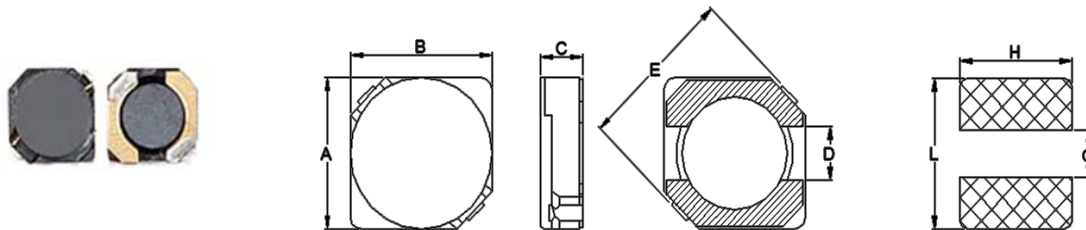
Features

- 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	E	L	G	H
SDRH3D28	3.8 ± 0.2	3.8 ± 0.2	3.0 Max.	1.15	5.20	4.40	1.20	4.40

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH3D28-100NC	10 ± 30%	100	0.092	0.50	1.52
SDRH3D28-120NC	12 ± 30%	100	0.100	0.45	1.48
SDRH3D28-150NC	15 ± 30%	100	0.113	0.40	1.44
SDRH3D28-180NC	18 ± 30%	100	0.125	0.35	1.37
SDRH3D28-220NC	22 ± 30%	100	0.146	0.33	1.28
SDRH3D28-270NC	27 ± 30%	100	0.176	0.29	1.18
SDRH3D28-330NC	33 ± 30%	100	0.214	0.29	1.15
SDRH3D28-390NC	39 ± 30%	100	0.225	0.25	1.00
SDRH3D28-470NC	47 ± 30%	100	0.304	0.23	0.81
SDRH3D28-560NC	56 ± 30%	100	0.324	0.20	0.76
SDRH3D28-680NC	68 ± 30%	100	0.472	0.18	0.60
SDRH3D28-820NC	82 ± 30%	100	0.539	0.17	0.58
SDRH3D28-101MC	100 ± 20%	100	0.608	0.16	0.52
SDRH3D28-121MC	120 ± 20%	100	0.757	0.13	0.50
SDRH3D28-151MC	150 ± 20%	100	0.882	0.12	0.48
SDRH3D28-181MC	180 ± 20%	100	1.130	0.11	0.42
SDRH3D28-221MC	220 ± 20%	100	1.269	0.10	0.36

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