

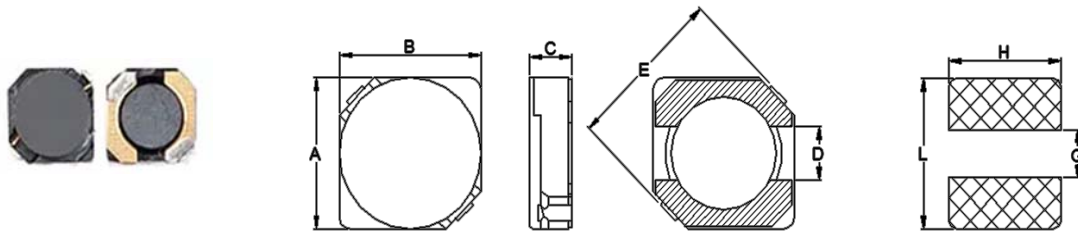
Features

- 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 : 1,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH3D18	3.8 ± 0.2	3.8 ± 0.2	2.0 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.
SDRH3D18-1R0NC	1.0 ± 30%	100	0.050	2.80	2.40
SDRH3D18-2R2NC	2.2 ± 30%	100	0.063	1.80	2.00
SDRH3D18-3R0NC	3.0 ± 30%	100	0.069	1.60	1.80
SDRH3D18-4R7NC	4.7 ± 30%	100	0.108	1.35	1.35
SDRH3D18-6R8NC	6.8 ± 30%	100	0.150	1.10	1.10
SDRH3D18-100NC	10 ± 30%	100	0.205	0.90	0.90
SDRH3D18-120NC	12 ± 30%	100	0.275	0.80	0.80
SDRH3D18-150NC	15 ± 30%	100	0.302	0.75	0.75
SDRH3D18-220NC	22 ± 30%	100	0.424	0.60	0.60
SDRH3D18-330NC	33 ± 30%	100	0.640	0.50	0.45
SDRH3D18-470NC	47 ± 30%	100	0.964	0.40	0.35

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