

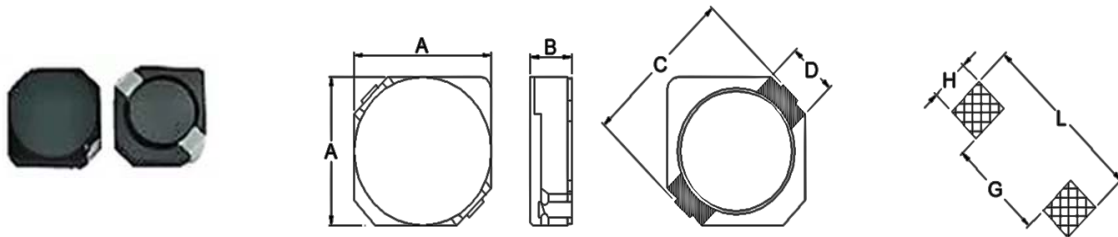
### Features

- 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	L	G	H
SDRH2D18A	3.0 ± 0.2	2.0 Max.	4.5 Max.	1.0 ± 0.2	4.30	1.70	1.30

### Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH2D18A-2R2NC	2.2 ± 30%	100	0.041	0.85	2.30
SDRH2D18A-3R3NC	3.3 ± 30%	100	0.054	0.75	2.10
SDRH2D18A-4R7NC	4.7 ± 30%	100	0.078	0.63	1.65
SDRH2D18A-6R8NC	6.8 ± 30%	100	0.106	0.52	1.32
SDRH2D18A-100NC	10 ± 30%	100	0.180	0.43	1.00
SDRH2D18A-150NC	15 ± 30%	100	0.220	0.35	0.80
SDRH2D18A-220NC	22 ± 30%	100	0.320	0.30	0.68
SDRH2D18A-330NC	33 ± 30%	100	0.460	0.24	0.56
SDRH2D18A-470NC'	47 ± 30%	100	0.660	0.20	0.48

#### 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