

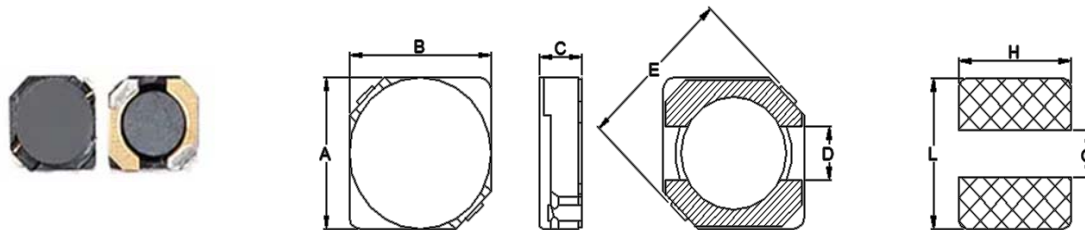
Features

- 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 : 2,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH5D18	5.7 ± 0.3	5.7 ± 0.3	2.0 Max.	2.00	8.20	6.30	2.00	6.30

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH5D18-4R1NC	4.1 ± 30%	100	0.057	1.95
SDRH5D18-6R2NC	6.2 ± 30%	100	0.096	1.40
SDRH5D18-100NC	10 ± 30%	100	0.124	1.20
SDRH5D18-120NC	12 ± 30%	100	0.153	1.10
SDRH5D18-150NC	15 ± 30%	100	0.196	0.97
SDRH5D18-180NC	18 ± 30%	100	0.210	0.85
SDRH5D18-220NC	22 ± 30%	100	0.290	0.80
SDRH5D18-330NC	33 ± 30%	100	0.386	0.65
SDRH5D18-470NC	47 ± 30%	100	0.595	0.54
SDRH5D18-680NC	68 ± 30%	100	0.840	0.43
SDRH5D18-820NC	82 ± 30%	100	0.978	0.41
SDRH5D18-101MC	100 ± 20%	100	1.200	0.36
SDRH5D18-121MC	120 ± 20%	100	1.500	0.33
SDRH5D18-151MC	150 ± 20%	100	1.710	0.31
SDRH5D18-181MC	180 ± 20%	100	2.240	0.28

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