

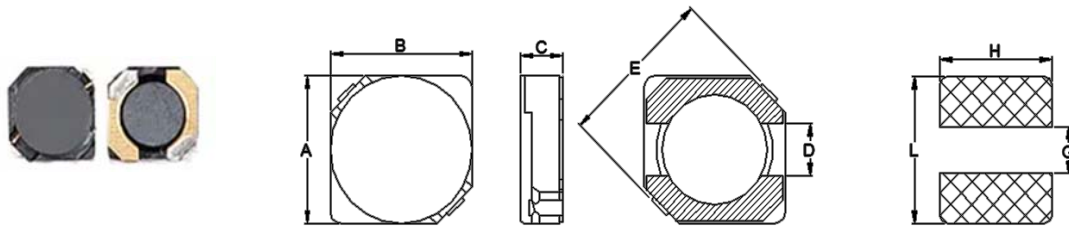
Features

- 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
SDRH4D18	4.7 ± 0.3	4.7 ± 0.3	2.0 Max.	1.50	6.90	5.30	1.50	5.30

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH4D18-1R0NC	1.0 ± 30%	100	0.045	1.72
SDRH4D18-2R2NC	2.2 ± 30%	100	0.075	1.32
SDRH4D18-2R7NC	2.7 ± 30%	100	0.105	1.28
SDRH4D18-3R3NC	3.3 ± 30%	100	0.110	1.04
SDRH4D18-3R9NC	3.9 ± 30%	100	0.155	0.88
SDRH4D18-4R7NC	4.7 ± 30%	100	0.162	0.84
SDRH4D18-5R6NC	5.6 ± 30%	100	0.170	0.80
SDRH4D18-6R8NC	6.8 ± 30%	100	0.200	0.76
SDRH4D18-8R2NC	8.2 ± 30%	100	0.245	0.68
SDRH4D18-100NC	10 ± 30%	100	0.200	0.61
SDRH4D18-120NC	12 ± 30%	100	0.210	0.56
SDRH4D18-150NC	15 ± 30%	100	0.240	0.50
SDRH4D18-180NC	18 ± 30%	100	0.338	0.48
SDRH4D18-220NC	22 ± 30%	100	0.397	0.41
SDRH4D18-270NC	27 ± 30%	100	0.441	0.35
SDRH4D18-330NC	33 ± 30%	100	0.694	0.32
SDRH4D18-390NC	39 ± 30%	100	0.709	0.30
SDRH4D18-470NC	47 ± 30%	100	0.922	0.28
SDRH4D18-560NC	56 ± 30%	100	1.080	0.26
SDRH4D18-680NC	68 ± 30%	100	1.300	0.24
SDRH4D18-820NC	82 ± 30%	100	1.550	0.22
SDRH4D18-101MC	100 ± 20%	100	1.730	0.20
SDRH4D18-121MC	120 ± 20%	100	2.390	0.18
SDRH4D18-151MC	150 ± 20%	100	2.670	0.15
SDRH4D18-181MC	180 ± 20%	100	4.000	0.14

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