

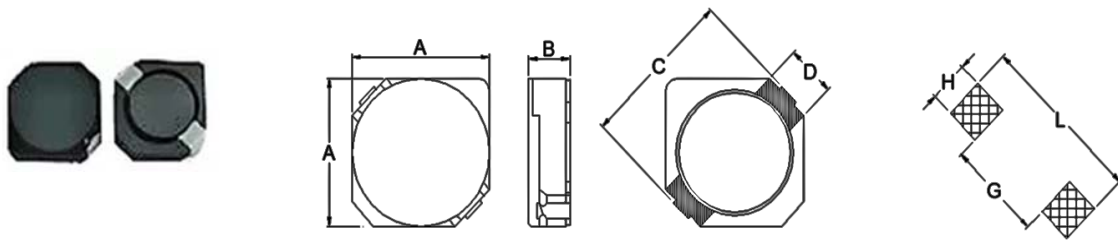
Features

- 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
SDRH3D16A	3.8 ± 0.2	1.8 Max.	5.2 Max.	1.1 ± 0.2	5.20	2.40	1.50

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH3D16A-1R5NC	1.5 ± 30%	100	0.051	2.00	2.40
SDRH3D16A-2R2NC	2.2 ± 30%	100	0.059	1.75	2.30
SDRH3D16A-3R3NC	3.3 ± 30%	100	0.085	1.40	1.80
SDRH3D16A-4R7NC	4.7 ± 30%	100	0.116	1.20	1.50
SDRH3D16A-6R8NC	6.8 ± 30%	100	0.180	1.00	1.10
SDRH3D16A-100NC	10 ± 30%	100	0.230	0.84	1.00
SDRH3D16A-150NC	15 ± 30%	100	0.410	0.65	0.75
SDRH3D16A-220NC	22 ± 30%	100	0.610	0.55	0.52
SDRH3D16A-330NC	33 ± 30%	100	0.870	0.46	0.41

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