

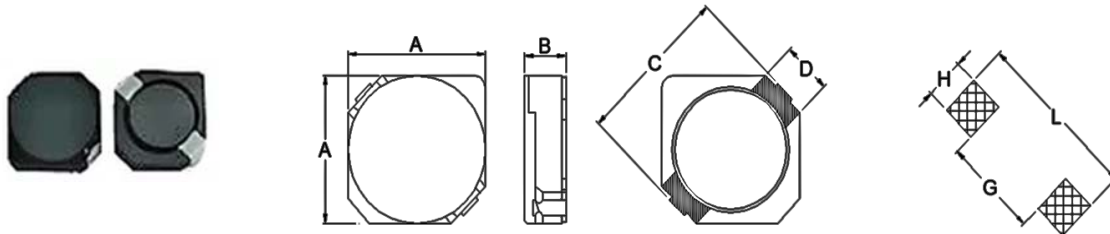
Features

- 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
SDRH3D11A	3.8 ± 0.2	1.3 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.
SDRH3D11A-2R7NC	2.7 ± 30%	100	0.078	0.53	1.82
SDRH3D11A-4R7NC	4.7 ± 30%	100	0.123	0.40	1.38
SDRH3D11A-6R8NC	6.8 ± 30%	100	0.180	0.34	1.05
SDRH3D11A-8R2NC	8.2 ± 30%	100	0.204	0.32	0.93
SDRH3D11A-100NC	10 ± 30%	100	0.240	0.28	0.90
SDRH3D11A-120NC	12 ± 30%	100	0.276	0.25	0.81
SDRH3D11A-150NC	15 ± 30%	100	0.372	0.23	0.68
SDRH3D11A-180NC	18 ± 30%	100	0.468	0.21	0.58
SDRH3D11A-220NC	22 ± 30%	100	0.540	0.19	0.53
SDRH3D11A-270NC	27 ± 30%	100	0.726	0.17	0.48
SDRH3D11A-330NC	33 ± 30%	100	0.822	0.15	0.41
SDRH3D11A-390NC	39 ± 30%	100	0.942	0.14	0.40

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