

SMT Power Inductor > Shielded > SDRH3D16

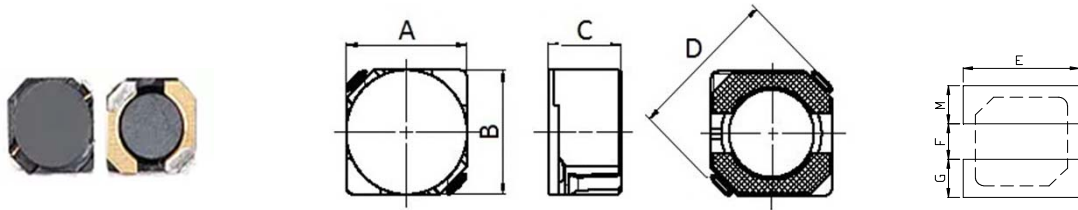
Features

- 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	E	F	G	M
SDRH3D16	3.8 ± 0.2	3.8 ± 0.2	1.8 Max.	5.2 Ref	4.40	1.20	1.60	1.60

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH3D16-R47NC	0.5 ± 30%	100	0.035	2.75
SDRH3D16-1R0NC	1.0 ± 30%	100	0.050	1.90
SDRH3D16-1R5NC	1.5 ± 30%	100	0.052	1.55
SDRH3D16-2R2NC	2.2 ± 30%	100	0.072	1.20
SDRH3D16-3R3NC	3.3 ± 30%	100	0.085	1.10
SDRH3D16-4R7NC	4.7 ± 30%	100	0.105	0.90
SDRH3D16-6R8NC	6.8 ± 30%	100	0.170	0.73
SDRH3D16-100NC	10 ± 30%	100	0.210	0.55
SDRH3D16-150NC	15 ± 30%	100	0.295	0.45
SDRH3D16-220NC	22 ± 30%	100	0.430	0.40
SDRH3D16-330NC	33 ± 30%	100	0.675	0.32

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