

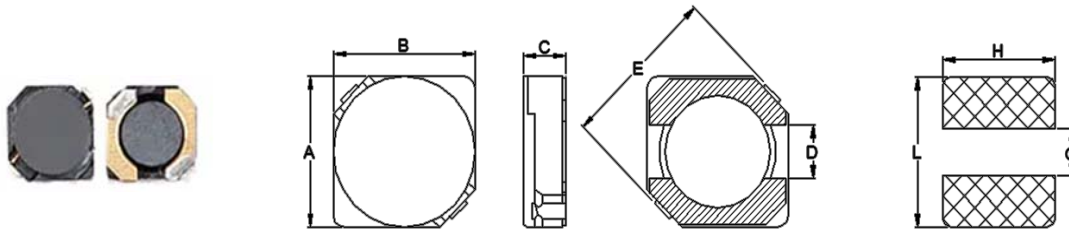
Features

- 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
SDRH5D28	5.7 ± 0.3	5.7 ± 0.3	3.0 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.
SDRH5D28-1R0NC	1.0 ± 30%	100	0.015	2.80
SDRH5D28-2R2NC	2.2 ± 30%	100	0.023	2.60
SDRH5D28-5R6NC	5.6 ± 30%	100	0.038	1.90
SDRH5D28-8R2NC	8.2 ± 30%	100	0.053	1.60
SDRH5D28-100NC	10 ± 30%	100	0.065	1.30
SDRH5D28-120NC	12 ± 30%	100	0.076	1.20
SDRH5D28-180NC	18 ± 30%	100	0.110	1.00
SDRH5D28-220NC	22 ± 30%	100	0.122	0.90
SDRH5D28-330NC	33 ± 30%	100	0.189	0.75
SDRH5D28-470NC	47 ± 30%	100	0.260	0.62
SDRH5D28-680NC	68 ± 30%	100	0.355	0.52
SDRH5D28-101MC	100 ± 20%	100	0.520	0.42
SDRH5D28-151MC	150 ± 20%	100	0.680	0.35
SDRH5D28-181MC	180 ± 20%	100	0.930	0.32
SDRH5D28-221MC	220 ± 20%	100	1.150	0.30
SDRH5D28-271MC	270 ± 20%	100	1.560	0.27
SDRH5D28-331MC	330 ± 20%	100	1.980	0.25

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