

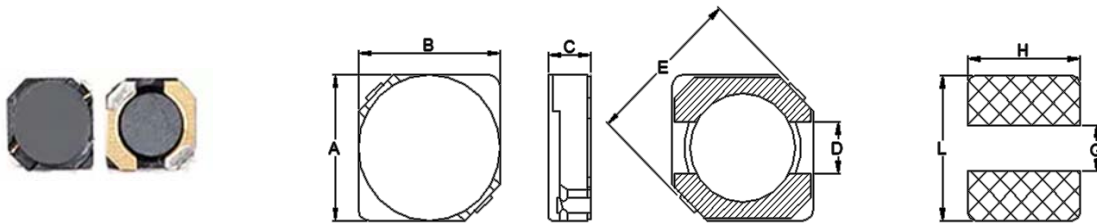
### Features

- 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 : 1,500 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH6D28	6.7 ± 0.3	6.7 ± 0.3	3.0 Max.	2.00	9.50	7.30	2.00	7.30

### Electrical Characteristics

Part No.	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH6D28-2R2MC	2.2 ± 20%	100	0.024	3.00
SDRH6D28-3R0NC	3.0 ± 30%	100	0.024	3.00
SDRH6D28-3R3MC	3.3 ± 20%	100	0.027	2.60
SDRH6D28-3R9NC	3.9 ± 30%	100	0.027	2.60
SDRH6D28-5R0NC	5.0 ± 30%	100	0.031	2.40
SDRH6D28-6R0NC	6.0 ± 30%	100	0.035	2.25
SDRH6D28-7R3NC	7.3 ± 30%	100	0.054	2.10
SDRH6D28-8R6NC	8.6 ± 30%	100	0.058	1.85
SDRH6D28-100NC	10.0 ± 30%	100	0.065	1.70
SDRH6D28-120NC	12.0 ± 30%	100	0.070	1.55
SDRH6D28-150NC	15.0 ± 30%	100	0.084	1.40
SDRH6D28-180NC	18.0 ± 30%	100	0.095	1.32
SDRH6D28-220NC	22.0 ± 30%	100	0.128	1.20
SDRH6D28-270NC	27.0 ± 30%	100	0.142	1.05
SDRH6D28-330NC	33.0 ± 30%	100	0.165	0.97
SDRH6D28-390NC	39.0 ± 30%	100	0.210	0.86
SDRH6D28-470NC	47.0 ± 30%	100	0.238	0.80
SDRH6D28-560NC	56.0 ± 30%	100	0.277	0.73
SDRH6D28-680NC	68.0 ± 30%	100	0.304	0.65
SDRH6D28-820NC	82.0 ± 30%	100	0.390	0.60
SDRH6D28-101MC	100 ± 20%	100	0.535	0.54
SDRH6D28-121MC	120 ± 20%	100	0.750	0.51
SDRH6D28-151MC	150 ± 20%	100	0.950	0.47
SDRH6D28-181MC	180 ± 20%	100	1.200	0.41
SDRH6D28-221MC	220 ± 20%	100	1.500	0.37
SDRH6D28-271MC	270 ± 20%	100	1.700	0.33
SDRH6D28-331MC	330 ± 20%	100	2.150	0.28
SDRH6D28-391MC	390 ± 20%	100	2.250	0.27
SDRH6D28-471MC	470 ± 20%	100	3.150	0.21

#### 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