

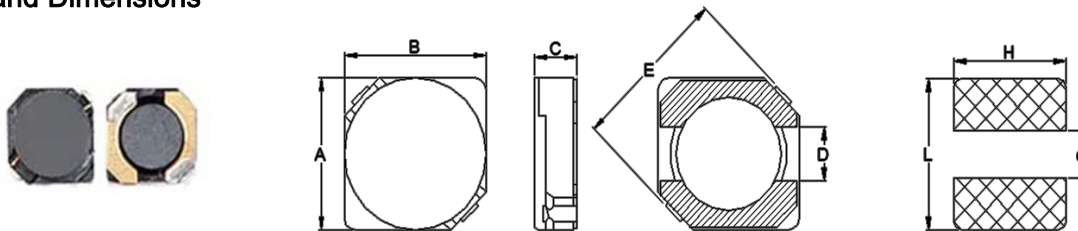
Features

- 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
SDRH4D28	4.7 ± 0.3	4.7 ± 0.3	3.0 Max.	1.50	6.90	5.30	1.50	5.30

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH4D28-1R2NC	1.2 ± 30%	100	0.024	2.56
SDRH4D28-1R8NC	1.8 ± 30%	100	0.028	2.20
SDRH4D28-2R2NC	2.2 ± 30%	100	0.031	2.04
SDRH4D28-2R7NC	2.7 ± 30%	100	0.043	1.60
SDRH4D28-3R3NC	3.3 ± 30%	100	0.049	1.57
SDRH4D28-3R9NC	3.9 ± 30%	100	0.065	1.44
SDRH4D28-4R7NC	4.7 ± 30%	100	0.072	1.32
SDRH4D28-5R6NC	5.6 ± 30%	100	0.101	1.17
SDRH4D28-6R8NC	6.8 ± 30%	100	0.109	1.12
SDRH4D28-8R2NC	8.2 ± 30%	100	0.118	1.04
SDRH4D28-100NC	10 ± 30%	100	0.128	1.00
SDRH4D28-120NC	12 ± 30%	100	0.132	0.84
SDRH4D28-150NC	15 ± 30%	100	0.149	0.76
SDRH4D28-180NC	18 ± 30%	100	0.166	0.72
SDRH4D28-220NC	22 ± 30%	100	0.235	0.70
SDRH4D28-270NC	27 ± 30%	100	0.261	0.58
SDRH4D28-330NC	33 ± 30%	100	0.378	0.56
SDRH4D28-390NC	39 ± 30%	100	0.384	0.50
SDRH4D28-470NC	47 ± 30%	100	0.587	0.48
SDRH4D28-560NC	56 ± 30%	100	0.625	0.41
SDRH4D28-680NC	68 ± 30%	100	0.699	0.35
SDRH4D28-820NC	82 ± 30%	100	0.915	0.32
SDRH4D28-101NC	100 ± 30%	100	1.020	0.29
SDRH4D28-121NC	120 ± 30%	100	1.270	0.27
SDRH4D28-151NC	150 ± 30%	100	1.350	0.24
SDRH4D28-181NC	180 ± 30%	100	1.540	0.22
SDRH4D28-221NC	220 ± 30%	100	1.720	0.20
SDRH4D28-271NC	270 ± 30%	100	1.950	0.16
SDRH4D28-331NC	330 ± 30%	100	2.660	0.14
SDRH4D28-391NC	390 ± 30%	100	2.830	0.13

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