

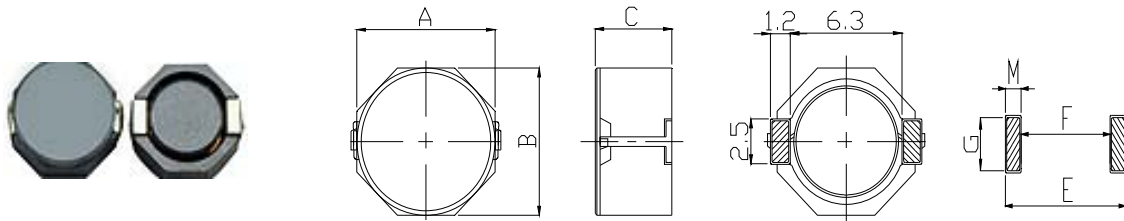
Features

- 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 Notebook PC, Game machine, HDD, DVC, LCD TV etc.. DC-DC converter inductors.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	E	F	G	M
SDRH8D28	8.0 ± 0.3	8.0 ± 0.3	3.0 Max.	-	10.1	6.1	2.8	2.0

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH8D28-1R0NC	1.0 ± 30%	100	0.011	6.50	7.00
SDRH8D28-2R5NC	2.5 ± 30%	100	0.016	4.50	6.40
SDRH8D28-3R3NC	3.3 ± 30%	100	0.019	4.00	6.00
SDRH8D28-4R7NC	4.7 ± 30%	100	0.025	3.40	4.50
SDRH8D28-7R3NC	7.3 ± 30%	100	0.039	2.80	3.40
SDRH8D28-100NC	10 ± 30%	100	0.047	2.50	3.20
SDRH8D28-150NC	15 ± 30%	100	0.069	1.90	2.35
SDRH8D28-220NC	22 ± 30%	100	0.099	1.60	1.85
SDRH8D28-330NC	33 ± 30%	100	0.156	1.30	1.49
SDRH8D28-470NC	47 ± 30%	100	0.195	1.15	1.30
SDRH8D28-680NC	68 ± 30%	100	0.286	0.92	0.98
SDRH8D28-101MC	100 ± 20%	100	0.430	0.75	0.80

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