

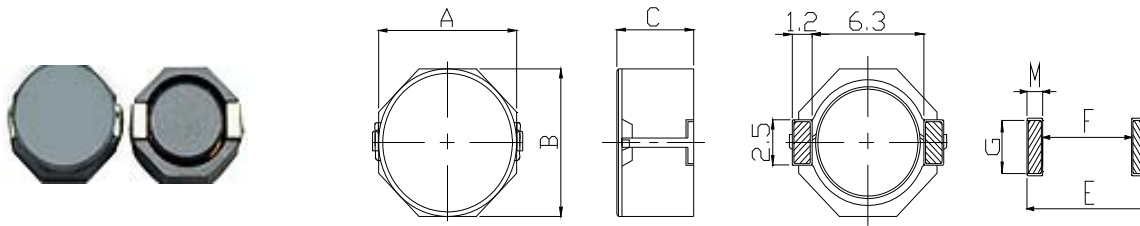
Features

- 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 : 500 pcs/reel

Type	A	B	C	D	E	F	G	M
SDRH8D43	8.0 ± 0.3	8.0 ± 0.3	4.5 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.
SDRH8D43-1R0NC	1.0 ± 30%	100	0.010	8.50	6.60
SDRH8D43-1R2NC	1.2 ± 30%	100	0.013	8.00	6.20
SDRH8D43-2R2NC	2.2 ± 30%	100	0.014	7.00	5.50
SDRH8D43-3R9NC	3.9 ± 30%	100	0.019	5.90	4.50
SDRH8D43-4R7NC	4.7 ± 30%	100	0.022	5.60	4.10
SDRH8D43-6R8NC	6.8 ± 30%	100	0.025	4.40	3.90
SDRH8D43-100NC	10 ± 30%	100	0.036	4.00	3.20
SDRH8D43-150NC	15 ± 30%	100	0.053	2.90	2.30
SDRH8D43-220NC	22 ± 30%	100	0.075	2.60	1.80
SDRH8D43-330NC	33 ± 30%	100	0.125	2.20	1.40
SDRH8D43-470NC	47 ± 30%	100	0.150	1.80	1.30
SDRH8D43-680NC	68 ± 30%	100	0.240	1.50	1.00
SDRH8D43-101MC	100 ± 20%	100	0.360	1.30	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