

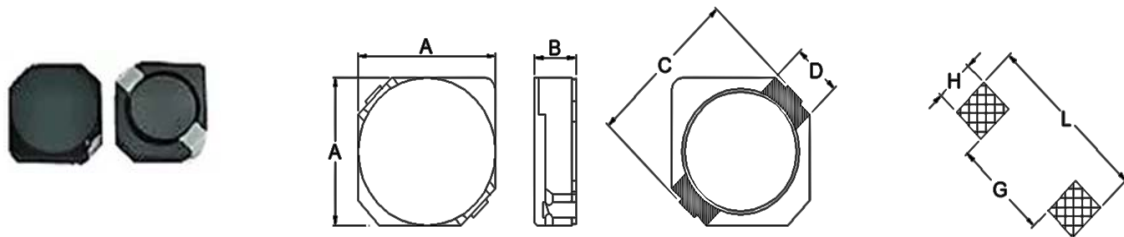
Features

- 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 : 2,500 pcs/reel

Type	A	B	C	D	L	G	H
SDRH3D23A	3.8 ± 0.2	2.5 Max.	5.2 Max.	1.1 ± 0.2	5.20	2.40	1.50

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Isat (A) max.	Irms (A) max.
SDRH3D23A-R47NC	0.47 ± 30%	100	0.024	3.45	3.70
SDRH3D23A-1R0NC	1.0 ± 30%	100	0.025	3.30	3.50
SDRH3D23A-1R5NC	1.5 ± 30%	100	0.029	2.67	3.20
SDRH3D23A-2R2NC	2.2 ± 30%	100	0.038	2.10	2.50
SDRH3D23A-3R3NC	3.3 ± 30%	100	0.056	1.70	2.20
SDRH3D23A-4R7NC	4.7 ± 30%	100	0.069	1.52	1.90
SDRH3D23A-5R6NC	5.6 ± 30%	100	0.075	1.28	1.80
SDRH3D23A-6R8NC	6.8 ± 30%	100	0.079	1.17	1.70
SDRH3D23A-8R2NC	8.2 ± 30%	100	0.094	1.10	1.60
SDRH3D23A-100MC	10 ± 20%	100	0.117	0.95	1.40
SDRH3D23A-150MC	15 ± 20%	100	0.191	0.81	1.00
SDRH3D23A-220MC	22 ± 20%	100	0.270	0.63	0.80
SDRH3D23A-330MC	33 ± 20%	100	0.381	0.56	0.65
SDRH3D23A-470MC	47 ± 20%	100	0.546	0.41	0.60

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