

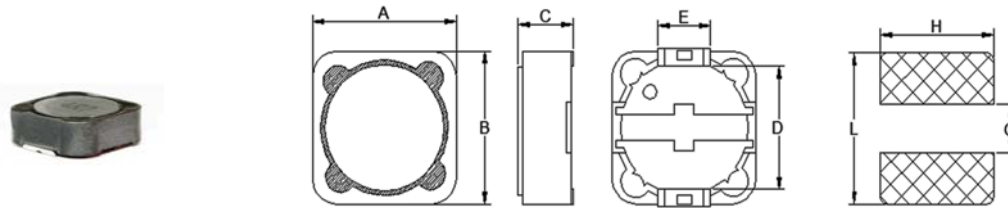
Features

- 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, LCD TV, Game machine, STB, Projector etc. as DC-DC convertor inductors.

Shapes and Dimensions



Packing Q'ty : 1,000 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH124	12.0 ± 0.3	12.0 ± 0.3	4.0 Max.	7.6 ± 0.2	5.0	12.6	7.0	5.4

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	Rated Current (A) max.
SDRH123-6R8MC	6.8 ± 20%	100	0.035	5.00
SDRH123-8R2MC	8.2 ± 20%	100	0.046	4.50
SDRH123-100MC	10 ± 20%	100	0.050	4.00
SDRH123-120MC	12 ± 20%	100	0.054	3.85
SDRH123-150MC	15 ± 20%	100	0.061	3.60
SDRH123-180MC	18 ± 20%	100	0.090	3.40
SDRH123-220MC	22 ± 20%	100	0.100	3.20
SDRH123-270MC	27 ± 20%	100	0.114	3.00
SDRH123-330MC	33 ± 20%	100	0.156	2.50
SDRH123-390MC	39 ± 20%	100	0.188	2.35
SDRH123-470MC	47 ± 20%	100	0.220	2.30
SDRH123-560MC	56 ± 20%	100	0.260	2.20
SDRH123-680MC	68 ± 20%	100	0.280	1.80
SDRH123-820MC	82 ± 20%	100	0.380	1.70
SDRH123-101MC	100 ± 20%	100	0.440	1.66
SDRH123-121MC	120 ± 20%	100	0.480	1.50
SDRH123-151MC	150 ± 20%	100	0.660	1.40
SDRH123-181MC	180 ± 20%	100	0.860	1.20
SDRH123-221MC	220 ± 20%	100	1.000	1.00
SDRH123-271MC	270 ± 20%	100	1.100	0.85
SDRH123-331MC	330 ± 20%	100	1.400	0.70
SDRH123-391MC	390 ± 20%	100	1.600	0.60
SDRH123-471MC	470 ± 20%	100	1.800	0.50

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