

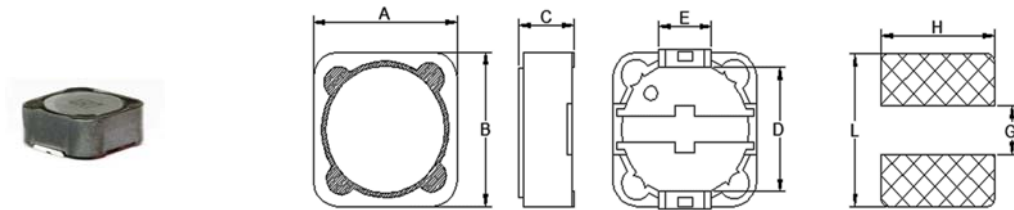
Features

- 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 : 500 pcs/reel

Type	A	B	C	D	E	L	G	H
SDRH124	12.0 ± 0.3	12.0 ± 0.3	4.5 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.
SDRH124-3R9MC	3.9 ± 20%	100	0.015	6.50
SDRH124-4R7MC	4.7 ± 20%	100	0.018	5.70
SDRH124-6R8MC	6.8 ± 20%	100	0.023	4.90
SDRH124-8R2MC	8.2 ± 20%	100	0.026	4.60
SDRH124-100MC	10 ± 20%	100	0.028	4.50
SDRH124-120MC	12 ± 20%	100	0.038	4.00
SDRH124-150MC	15 ± 20%	100	0.050	3.20
SDRH124-180MC	18 ± 20%	100	0.057	3.10
SDRH124-220MC	22 ± 20%	100	0.066	2.90
SDRH124-270MC	27 ± 20%	100	0.080	2.80
SDRH124-330MC	33 ± 20%	100	0.097	2.70
SDRH124-390MC	39 ± 20%	100	0.132	2.10
SDRH124-470MC	47 ± 20%	100	0.150	1.90
SDRH124-560MC	56 ± 20%	100	0.190	1.80
SDRH124-680MC	68 ± 20%	100	0.220	1.50
SDRH124-820MC	82 ± 20%	100	0.260	1.30
SDRH124-101MC	100 ± 20%	100	0.308	1.20
SDRH124-121MC	120 ± 20%	100	0.380	1.10
SDRH124-151MC	150 ± 20%	100	0.530	0.95
SDRH124-181MC	180 ± 20%	100	0.620	0.85
SDRH124-221MC	220 ± 20%	100	0.700	0.80
SDRH124-271MC	270 ± 20%	100	0.870	0.60
SDRH124-331MC	330 ± 20%	100	0.990	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