

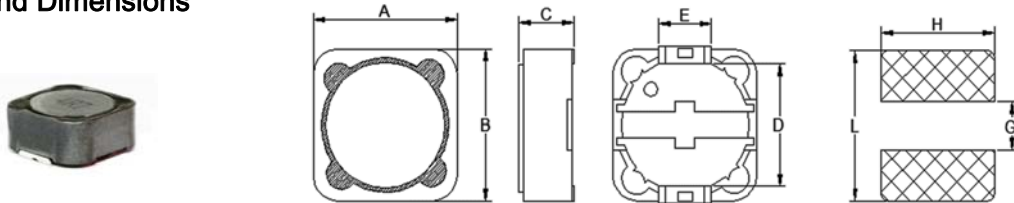
Features

- 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
SDRH125	12.0 ± 0.3	12.0 ± 0.3	6.0 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.
SDRH125-1R3NC	1.3 ± 30%	100	0.012	8.00
SDRH125-2R1NC	2.1 ± 30%	100	0.014	7.00
SDRH125-3R1NC	3.1 ± 30%	100	0.017	6.00
SDRH125-4R4NC	4.4 ± 30%	100	0.020	5.00
SDRH125-5R8NC	5.8 ± 30%	100	0.021	4.40
SDRH125-7R5NC	7.5 ± 30%	100	0.024	4.20
SDRH125-100MC	10 ± 20%	100	0.025	4.00
SDRH125-120MC	12 ± 20%	1	0.027	3.50
SDRH125-150MC	15 ± 20%	1	0.030	3.30
SDRH125-180MC	18 ± 20%	1	0.034	3.00
SDRH125-220MC	22 ± 20%	1	0.036	2.80
SDRH125-270MC	27 ± 20%	1	0.050	2.30
SDRH125-330MC	33 ± 20%	1	0.057	2.10
SDRH125-390MC	39 ± 20%	1	0.068	2.00
SDRH125-470MC	47 ± 20%	1	0.075	1.80
SDRH125-560MC	56 ± 20%	1	0.110	1.70
SDRH125-680MC	68 ± 20%	1	0.120	1.50
SDRH125-820MC	82 ± 20%	1	0.140	1.40
SDRH125-101MC	100 ± 20%	1	0.160	1.30
SDRH125-121MC	120 ± 20%	1	0.170	1.10
SDRH125-151MC	150 ± 20%	1	0.230	1.00
SDRH125-181MC	180 ± 20%	1	0.290	0.90
SDRH125-221MC	220 ± 20%	1	0.400	0.80
SDRH125-271MC	270 ± 20%	1	0.460	0.75
SDRH125-331MC	330 ± 20%	1	0.510	0.68
SDRH125-391MC	390 ± 20%	1	0.690	0.65
SDRH125-471MC	470 ± 20%	1	0.770	0.58
SDRH125-561MC	560 ± 20%	1	0.860	0.54
SDRH125-681MC	680 ± 20%	1	1.200	0.48
SDRH125-821MC	820 ± 20%	1	1.340	0.43
SDRH125-102MC	1,000 ± 20%	1	1.530	0.40

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