

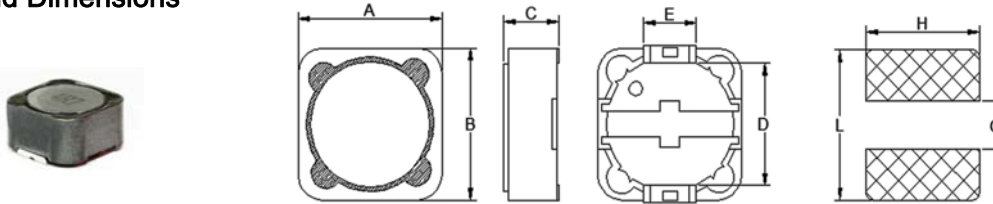
Features

- 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
SDRH127LD	12.0 ± 0.3	12.0 ± 0.3	8.0 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.	Isat (A) max.	Irms (A) max.
SDRH127LD-1R0NC	1.0 ± 30%	100	0.007	27.20	15.80
SDRH127LD-2R4NC	2.4 ± 30%	100	0.011	17.70	11.50
SDRH127LD-3R5NC	3.5 ± 30%	100	0.012	14.70	10.30
SDRH127LD-4R6NC	4.6 ± 30%	100	0.014	13.00	10.10
SDRH127LD-5R8NC	5.8 ± 30%	100	0.016	11.20	9.60
SDRH127LD-7R4NC	7.4 ± 30%	100	0.018	10.50	8.70
SDRH127LD-100MC	10 ± 20%	1	0.020	8.40	7.80
SDRH127LD-120MC	12 ± 20%	1	0.021	7.50	7.40
SDRH127LD-150MC	15 ± 20%	1	0.026	6.80	7.10
SDRH127LD-180MC	18 ± 20%	1	0.028	6.70	6.60
SDRH127LD-220MC	22 ± 20%	1	0.036	5.80	6.30
SDRH127LD-270MC	27 ± 20%	1	0.042	5.40	5.70
SDRH127LD-330MC	33 ± 20%	1	0.053	4.80	5.10
SDRH127LD-390MC	39 ± 20%	1	0.061	4.40	4.50
SDRH127LD-470MC	47 ± 20%	1	0.078	4.10	4.10
SDRH127LD-560MC	56 ± 20%	1	0.090	3.60	3.60
SDRH127LD-680MC	68 ± 20%	1	0.120	3.40	3.20
SDRH127LD-820MC	82 ± 20%	1	0.119	2.85	2.95
SDRH127LD-101MC	100 ± 20%	1	0.151	2.70	2.60
SDRH127LD-121MC	120 ± 20%	1	0.169	2.60	2.40
SDRH127LD-151MC	150 ± 20%	1	0.227	2.15	2.15
SDRH127LD-181MC	180 ± 20%	1	0.299	2.05	1.90
SDRH127LD-221MC	220 ± 20%	1	0.338	1.90	1.75
SDRH127LD-271MC	270 ± 20%	1	0.419	1.60	1.60
SDRH127LD-331MC	330 ± 20%	1	0.471	1.45	1.50
SDRH127LD-391MC	390 ± 20%	1	0.572	1.40	1.40
SDRH127LD-471MC	470 ± 20%	1	0.741	1.30	1.25
SDRH127LD-561MC	560 ± 20%	1	0.852	1.12	1.10
SDRH127LD-681MC	680 ± 20%	1	1.130	1.10	1.03
SDRH127LD-821MC	820 ± 20%	1	1.240	0.92	0.92
SDRH127LD-102MC	1,000 ± 20%	1	1.500	0.86	0.85

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