

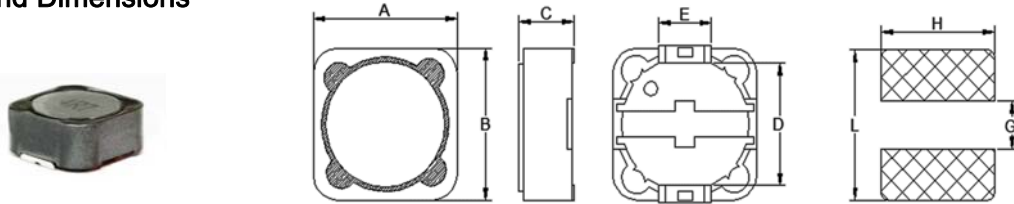
Features

- 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
SDRH127	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.	Rated Current (A) max.
SDRH127-1R2NC	1.2 ± 30%	100	0.007	9.80
SDRH127-2R4NC	2.4 ± 30%	100	0.012	8.00
SDRH127-3R5NC	3.5 ± 30%	100	0.014	7.50
SDRH127-4R7NC	4.7 ± 30%	100	0.016	6.80
SDRH127-6R1NC	6.1 ± 30%	100	0.018	6.60
SDRH127-7R6NC	7.6 ± 30%	100	0.020	5.90
SDRH127-100MC	10 ± 20%	1	0.022	5.40
SDRH127-120MC	12 ± 20%	1	0.024	4.90
SDRH127-150MC	15 ± 20%	1	0.027	4.50
SDRH127-180MC	18 ± 20%	1	0.039	3.90
SDRH127-220MC	22 ± 20%	1	0.043	3.60
SDRH127-270MC	27 ± 20%	1	0.046	3.40
SDRH127-330MC	33 ± 20%	1	0.065	3.00
SDRH127-390MC	39 ± 20%	1	0.073	2.75
SDRH127-470MC	47 ± 20%	1	0.100	2.50
SDRH127-560MC	56 ± 20%	1	0.110	2.35
SDRH127-680MC	68 ± 20%	1	0.140	2.10
SDRH127-820MC	82 ± 20%	1	0.160	1.95
SDRH127-101MC	100 ± 20%	1	0.220	1.70
SDRH127-121MC	120 ± 20%	1	0.250	1.60
SDRH127-151MC	150 ± 20%	1	0.280	1.42
SDRH127-181MC	180 ± 20%	1	0.350	1.30
SDRH127-221MC	220 ± 20%	1	0.390	1.16
SDRH127-271MC	270 ± 20%	1	0.560	1.06
SDRH127-331MC	330 ± 20%	1	0.640	0.95
SDRH127-391MC	390 ± 20%	1	0.700	0.88
SDRH127-471MC	470 ± 20%	1	0.980	0.79
SDRH127-561MC	560 ± 20%	1	1.070	0.73
SDRH127-681MC	680 ± 20%	1	1.460	0.67
SDRH127-821MC	820 ± 20%	1	1.640	0.60
SDRH127-102MC	1,000 ± 20%	1	1.820	0.55

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