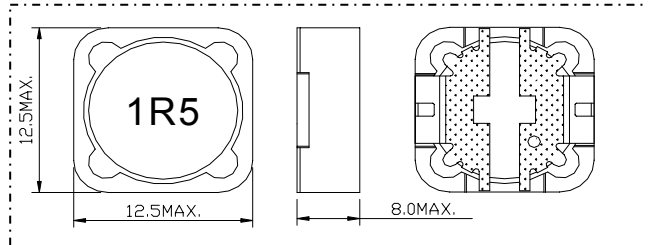


SDRH127

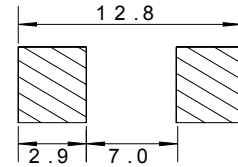
Inductance Range: 1.5 μ H~1000 μ H

Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)

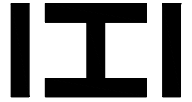


LAND PATTERNS(mm)



CONSTRUCTION

Shield



FEATURES:

- ★Quantity / Reel:500pcs
- ★High current & low DCR, Quadrate12.5mm Max, Height 8.0mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA /Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND



Electrical Characteristics:

Part Number	Test Condition	Inductance (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
SDRH127-1R5M,N	100KHz/0.3V	1.5	$\pm 20, \pm 30$	7.0m	9.80
SDRH127-2R2M,N	100KHz/0.3V	2.2	$\pm 20, \pm 30$	11.5m	8.00
SDRH127-3R3M,N	100KHz/0.3V	3.3	$\pm 20, \pm 30$	13.5m	7.50
SDRH127-4R7M,N	100KHz/0.3V	4.7	$\pm 20, \pm 30$	15.8m	6.80
SDRH127-6R8M,N	100KHz/0.3V	6.8	$\pm 20, \pm 30$	19.0m	6.60
SDRH127-8R2M,N	100KHz/0.3V	8.2	$\pm 20, \pm 30$	20.0m	5.60
SDRH127-100M	1KHz/0.3V	10	± 20	21.6m	5.40
SDRH127-120M	1KHz/0.3V	12	± 20	24.3m	4.90
SDRH127-150M	1KHz/0.3V	15	± 20	27.0m	4.50
SDRH127-180M	1KHz/0.3V	18	± 20	39.2m	3.90
SDRH127-220M	1KHz/0.3V	22	± 20	43.2m	3.60
SDRH127-270M	1KHz/0.3V	27	± 20	45.9m	3.40
SDRH127-330M	1KHz/0.3V	33	± 20	64.8m	3.00
SDRH127-390M	1KHz/0.3V	39	± 20	72.9m	2.75
SDRH127-470M	1KHz/0.3V	47	± 20	0.100	2.50
SDRH127-560M	1KHz/0.3V	56	± 20	0.110	2.35
SDRH127-680M	1KHz/0.3V	68	± 20	0.140	2.10
SDRH127-820M	1KHz/0.3V	82	± 20	0.160	1.95
SDRH127-101M	1KHz/0.3V	100	± 20	0.220	1.70
SDRH127-121M	1KHz/0.3V	120	± 20	0.250	1.60
SDRH127-151M	1KHz/0.3V	150	± 20	0.280	1.42
SDRH127-181M	1KHz/0.3V	180	± 20	0.350	1.30
SDRH127-221M	1KHz/0.3V	220	± 20	0.390	1.16
SDRH127-271M	1KHz/0.3V	270	± 20	0.560	1.06
SDRH127-331M	1KHz/0.3V	330	± 20	0.640	0.95
SDRH127-391M	1KHz/0.3V	390	± 20	0.700	0.88
SDRH127-471M	1KHz/0.3V	470	± 20	0.980	0.79
SDRH127-561M	1KHz/0.3V	560	± 20	1.070	0.73
SDRH127-681M	1KHz/0.3V	680	± 20	1.460	0.67
SDRH127-821M	1KHz/0.3V	820	± 20	1.640	0.60
SDRH127-102M	1KHz/0.3V	1000	± 20	1.820	0.55

- 1、Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).