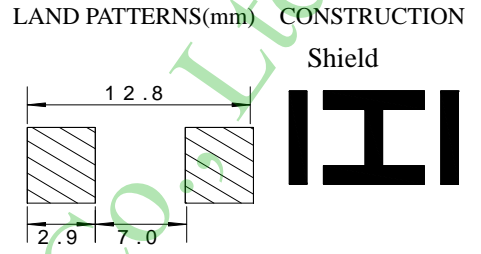
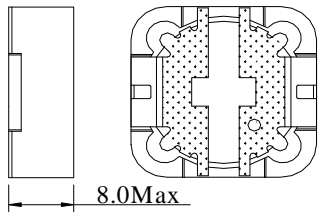
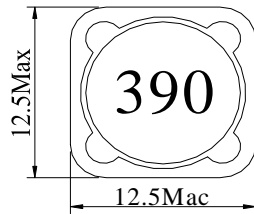


Inductance Range: 1.5μH~1000μH
Temperature Range: -40℃~+125℃

PDRH127-Series

DIMENSIONS(mm)



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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRH127-1R5M,N	100KHz/0.3V	1.5	±20,±30	7.0m	9.80
PDRH127-2R2M,N	100KHz/0.3V	2.2	±20,±30	11.5m	8.00
PDRH127-3R3M,N	100KHz/0.3V	3.3	±20,±30	13.5m	7.50
PDRH127-4R7M,N	100KHz/0.3V	4.7	±20,±30	15.8m	6.80
PDRH127-6R8M,N	100KHz/0.3V	6.8	±20,±30	19.0m	6.60
PDRH127-8R2M,N	100KHz/0.3V	8.2	±20,±30	20.0m	5.60
PDRH127-100M	1KHz/0.3V	10	±20	21.6m	5.40
PDRH127-120M	1KHz/0.3V	12	±20	24.3m	4.90
PDRH127-150M	1KHz/0.3V	15	±20	27.0m	4.50
PDRH127-180M	1KHz/0.3V	18	±20	39.2m	3.90
PDRH127-220M	1KHz/0.3V	22	±20	43.2m	3.60
PDRH127-270M	1KHz/0.3V	27	±20	45.9m	3.40
PDRH127-330M	1KHz/0.3V	33	±20	64.8m	3.00
PDRH127-390M	1KHz/0.3V	39	±20	72.9m	2.75
PDRH127-470M	1KHz/0.3V	47	±20	0.100	2.50
PDRH127-560M	1KHz/0.3V	56	±20	0.110	2.35
PDRH127-680M	1KHz/0.3V	68	±20	0.140	2.10
PDRH127-820M	1KHz/0.3V	82	±20	0.160	1.95
PDRH127-101M	1KHz/0.3V	100	±20	0.220	1.70
PDRH127-121M	1KHz/0.3V	120	±20	0.250	1.60
PDRH127-151M	1KHz/0.3V	150	±20	0.280	1.42
PDRH127-181M	1KHz/0.3V	180	±20	0.350	1.30
PDRH127-221M	1KHz/0.3V	220	±20	0.390	1.16
PDRH127-271M	1KHz/0.3V	270	±20	0.560	1.06
PDRH127-331M	1KHz/0.3V	330	±20	0.640	0.95
PDRH127-391M	1KHz/0.3V	390	±20	0.700	0.88
PDRH127-471M	1KHz/0.3V	470	±20	0.980	0.79
PDRH127-561M	1KHz/0.3V	560	±20	1.070	0.73
PDRH127-681M	1KHz/0.3V	680	±20	1.460	0.67
PDRH127-821M	1KHz/0.3V	820	±20	1.640	0.60
PDRH127-102M	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 ΔT=40℃ ,whichever is smaller(Ta=20℃).