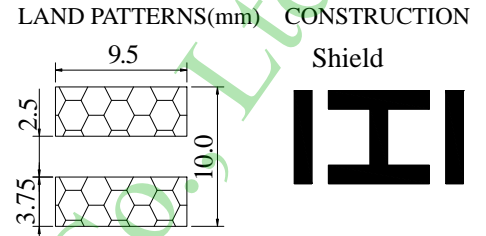
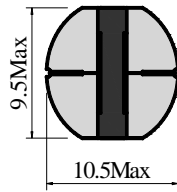


Inductance Range: 10 μ H~470 μ H
Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDR105-Series

DIMENSIONS(mm):



FEATURES:

- ★Quantity / Reel: 500PCS
- ★High current & low DCR, Round 10.5 mm, Height 5.5 mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA/MP3 & MP4 player/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)
PDR105-100M	1KHz/0.3V	10	± 20	60m	2.06
PDR105-120M	1KHz/0.3V	12	± 20	70m	1.94
PDR105-150M	1KHz/0.3V	15	± 20	70m	1.72
PDR105-180M	1KHz/0.3V	18	± 20	80m	1.58
PDR105-220M	1KHz/0.3V	22	± 20	80m	1.42
PDR105-270M	1KHz/0.3V	27	± 20	0.10	1.32
PDR105-330L,M	1KHz/0.3V	33	$\pm 15, \pm 20$	0.11	1.16
PDR105-390L,M	1KHz/0.3V	39	$\pm 15, \pm 20$	0.12	1.10
PDR105-470L,M	1KHz/0.3V	47	$\pm 15, \pm 20$	0.14	1.00
PDR105-560L,M	1KHz/0.3V	56	$\pm 15, \pm 20$	0.19	0.93
PDR105-680L,M	1KHz/0.3V	68	$\pm 15, \pm 20$	0.21	0.85
PDR105-820L,M	1KHz/0.3V	82	$\pm 15, \pm 20$	0.28	0.79
PDR105-101K,M	1KHz/0.3V	100	$\pm 10, \pm 20$	0.34	0.72
PDR105-121K,M	1KHz/0.3V	120	$\pm 10, \pm 20$	0.37	0.63
PDR105-151K,M	1KHz/0.3V	150	$\pm 10, \pm 20$	0.51	0.55
PDR105-181K,M	1KHz/0.3V	180	$\pm 10, \pm 20$	0.57	0.50
PDR105-221K,M	1KHz/0.3V	220	$\pm 10, \pm 20$	0.78	0.47
PDR105-271K,M	1KHz/0.3V	270	$\pm 10, \pm 20$	0.87	0.41
PDR105-331K,M	1KHz/0.3V	330	$\pm 10, \pm 20$	1.20	0.37
PDR105-391K,M	1KHz/0.3V	390	$\pm 10, \pm 20$	1.34	0.35
PDR105-471K,M	1KHz/0.3V	470	$\pm 10, \pm 20$	1.50	0.33

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).