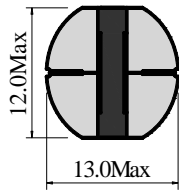


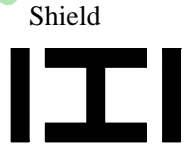
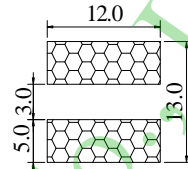
Inductance Range: 10μH~820μH
 Temperature Range: -40℃~+125℃

PDR125-Series

DIMENSIONS(mm):




LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 500PCS
- ★High current & low DCR, Round 12.0mm, Height 5.8mm 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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDR125-100M	1KHz/0.3V	10	±20	0.05	2.65
PDR125-120M	1KHz/0.3V	12	±20	0.05	2.50
PDR125-150M	1KHz/0.3V	15	±20	0.06	2.45
PDR125-180M	1KHz/0.3V	18	±20	0.06	2.40
PDR125-220M	1KHz/0.3V	22	±20	0.07	2.20
PDR125-270M	1KHz/0.3V	27	±20	0.08	2.00
PDR125-330L,M	1KHz/0.3V	33	±15,±20	0.10	1.80
PDR125-390L,M	1KHz/0.3V	39	±15,±20	0.11	1.65
PDR125-470L,M	1KHz/0.3V	47	±15,±20	0.12	1.50
PDR125-560L,M	1KHz/0.3V	56	±15,±20	0.15	1.38
PDR125-680L,M	1KHz/0.3V	68	±15,±20	0.17	1.26
PDR125-820L,M	1KHz/0.3V	82	±15,±20	0.20	1.14
PDR125-101K,M	1KHz/0.3V	100	±10,±20	0.25	1.05
PDR125-121K,M	1KHz/0.3V	120	±10,±20	0.28	0.95
PDR125-151K,M	1KHz/0.3V	150	±10,±20	0.40	0.85
PDR125-181K,M	1KHz/0.3V	180	±10,±20	0.48	0.77
PDR125-221K,M	1KHz/0.3V	220	±10,±20	0.52	0.70
PDR125-271K,M	1KHz/0.3V	270	±10,±20	0.70	0.63
PDR125-331K,M	1KHz/0.3V	330	±10,±20	0.80	0.57
PDR125-391K,M	1KHz/0.3V	390	±10,±20	1.08	0.52
PDR125-471K,M	1KHz/0.3V	470	±10,±20	1.20	0.48
PDR125-561K,M	1KHz/0.3V	560	±10,±20	1.34	0.44
PDR125-681K,M	1KHz/0.3V	680	±10,±20	1.78	0.40
PDR125-821K,M	1KHz/0.3V	820	±10,±20	1.50	0.36

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℃).