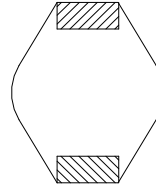
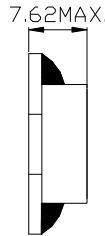
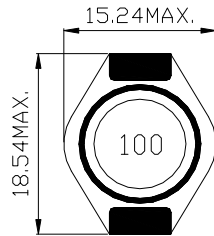


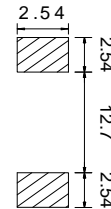
Inductance Range: 10μH~1000μH
Temperature Range: -40℃~+125℃

PDRB1807-Series

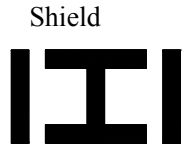
DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 400pcs
- ★High current & low DCR, Elliptic15.24mm*18.54mm, Height7.62mm Type.
- ★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	
					Isat(A)	Irms(A)
PDRB1807-100M	100KHz/1.0V	10	±20	0.040	8.00	3.90
PDRB1807-150M	100KHz/1.0V	15	±20	0.048	7.00	3.40
PDRB1807-220M	100KHz/1.0V	22	±20	0.059	6.00	3.10
PDRB1807-330M	100KHz/1.0V	33	±20	0.075	5.00	2.80
PDRB1807-470M	100KHz/1.0V	47	±20	0.097	4.00	2.40
PDRB1807-680M	100KHz/1.0V	68	±20	0.138	3.00	2.00
PDRB1807-101M	100KHz/1.0V	100	±20	0.207	2.40	1.70
PDRB1807-151M	100KHz/1.0V	150	±20	0.293	2.10	1.30
PDRB1807-221M	100KHz/1.0V	220	±20	0.470	1.90	1.10
PDRB1807-331M	100KHz/1.0V	330	±20	0.780	1.10	0.86
PDRB1807-471M	100KHz/1.0V	470	±20	1.080	1.10	0.73
PDRB1807-681M	100KHz/1.0V	680	±20	1.400	0.96	0.64
PDRB1807-102M	100KHz/1.0V	1000	±20	2.010	0.80	0.53

- 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、 The Isat is the current at which the inductance decreases by 10% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}\text{C}$, whichever ($T_a = 20^{\circ}\text{C}$)