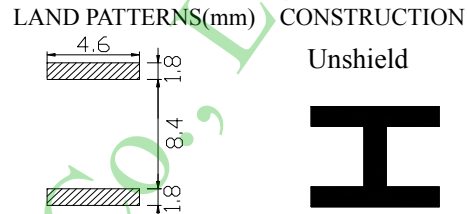
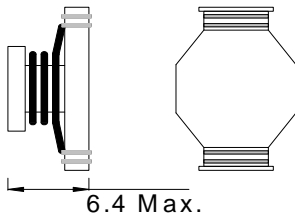
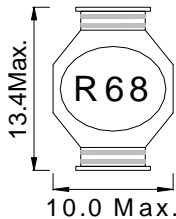


PDBW1205-Series

Inductance Range: 0.68μH~4.7μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Elliptic 10.0mm*13.4mm, Height 5.4mm 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(mΩ) Max.	Rated Current	
					Isat(A)	Irms(A)
PDBW1205-R68N	1KHz/1.0V	0.68	±30	5.0	13.00	12.00
PDBW1205-1R0M	1KHz/1.0V	1.0	±20	6.0	11.00	10.00
PDBW1205-1R5M	1KHz/1.0V	1.5	±20	8.0	9.00	9.00
PDBW1205-2R2M	1KHz/1.0V	2.2	±20	11.0	7.80	7.40
PDBW1205-2R7M	1KHz/1.0V	2.7	±20	12.0	7.00	6.60
PDBW1205-3R3M	1KHz/1.0V	3.3	±20	14.0	6.40	5.90
PDBW1205-4R7M	1KHz/1.0V	4.7	±20	18.0	5.40	4.80

- 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 ΔT≤40℃, whichever (Ta=20℃)