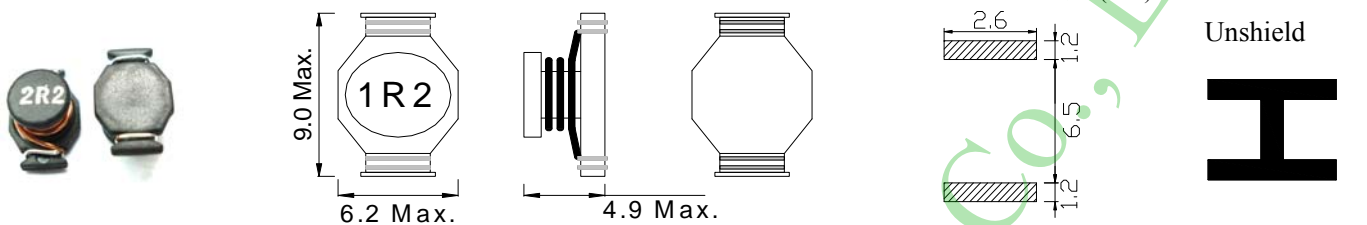


### PDBW0806-Series

**Inductance Range:** 1.2μH~47μH  
**Temperature Range:** -40℃~+125℃

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 1500pcs
- ★High current & low DCR, Elliptic 6.2mm\*9.0mm, Height 4.6mm 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)
PDBW0806-1R2M	1KHz/1.0V	1.2	±20	17.0	5.30	4.40
PDBW0806-2R2M	1KHz/1.0V	2.2	±20	35.0	3.50	3.10
PDBW0806-3R3M	1KHz/1.0V	3.3	±20	40.0	3.00	2.70
PDBW0806-4R7M	1KHz/1.0V	4.7	±20	54.0	2.60	2.20
PDBW0806-6R8M	1KHz/1.0V	6.8	±20	80.0	2.20	1.80
PDBW0806-100M	1KHz/1.0V	10	±20	110.0	1.90	1.50
PDBW0806-150M	1KHz/1.0V	15	±20	170.0	1.50	1.20
PDBW0806-220M	1KHz/1.0V	22	±20	250.0	1.20	1.00
PDBW0806-330M	1KHz/1.0V	33	±20	350.0	0.99	0.82
PDBW0806-470M	1KHz/1.0V	47	±20	470.0	0.87	0.72

- 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℃)