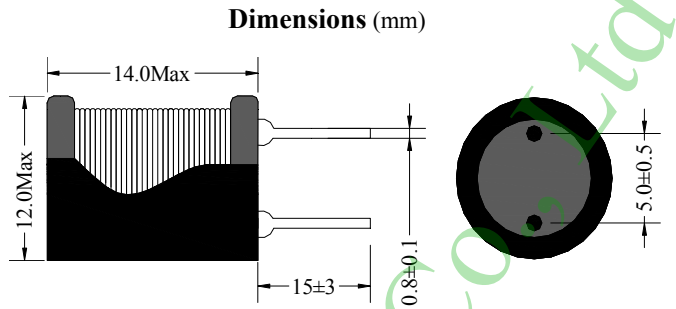


## Power Inductor for DIP Type

Inductance Range: 4.7μH~1000μH  
 Temperature Range: -40℃~+125℃

### PDL1012 Series

#### DIMENSIONS(mm)



#### FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 12.0 mm, Height 14.0 mm Type.
- ★Accomplished low total harmonics distortion as compared with our current type.
- ★Suitable as choke for digital amp. Car audio, LCD and PDP TV, 5.1ch Home theater, 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	Inductance (μH)	Tolerance (%)	Test Condition	D.C.R(Ω) Max.	Rated Current(A)
PDL1012-4R7□	4.7	M	10KHZz/0.25V	15.0m	9
PDL1012-100□	10	K,M	10KHZz/0.25V	21.0m	7
PDL1012-150□	15	K,M	10KHZz/0.25V	31.2m	5
PDL1012-220□	22	K,M	10KHZz/0.25V	44.1m	4.5
PDL1012-330□	33	K,M	10KHZz/0.25V	66.5m	3.5
PDL1012-101□	100	J,K	10KHZz/0.25V	0.15	2.2
PDL1012-151□	150	K,M	10KHZz/0.25V	0.21	1.9
PDL1012-471□	470	K,M	10KHZz/0.25V	0.7	1
PDL1012-681□	680	K,M	10KHZz/0.25V	0.96	0.8
PDL1012-821□	820	K,M	10KHZz/0.25V	1.2	0.75
PDL1012-102□	1000	J,K,M	10KHZz/0.25V	1.5	0.65

#### REMARK:

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter 502BC 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℃).