

Power Inductor for DIP Type

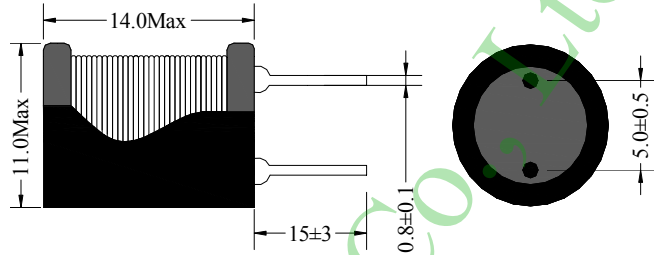
Inductance Range: 22 μ H~1000 μ H
 Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDL0912 Series

DIMENSIONS(mm)



Dimensions (mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 11.0 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 (μ H)	Tolerance (%)	Test Condition	D.C.R(Ω) Max.	Rated Current(A)
PDL0912-220□	22	K,M	10KHZ/0.25V	50m	4.5
PDL0912-101□	100	K,M	10KHZ/0.25V	0.16	1.7
PDL0912-121□	120	K,M	10KHZ/0.25V	0.2	1.5
PDL0912-181□	180	K,M	10KHZ/0.25V	0.31	1.3
PDL0912-221□	220	K,M	10KHZ/0.25V	0.34	1.1
PDL0912-271□	270	K,M	10KHZ/0.25V	0.4	1
PDL0912-301□	300	K,M	10KHZ/0.25V	0.46	0.96
PDL0912-331□	330	K,M	10KHZ/0.25V	0.52	0.93
PDL0912-391□	390	K,M	10KHZ/0.25V	0.65	0.86
PDL0912-471□	470	K,M	10KHZ/0.25V	0.71	0.78
PDL0912-501□	500	K,M	10KHZ/0.25V	0.8	0.75
PDL0912-681□	680	K,M	10KHZ/0.25V	1.1	0.65
PDL0912-821□	820	K,M	10KHZ/0.25V	1.3	0.59
PDL0912-102□	1000	K,M	10KHZ/0.25V	1.7	0.53

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 $\Delta T = 40^{\circ}$ C ,whichever is smaller($T_a = 20^{\circ}$ C).