

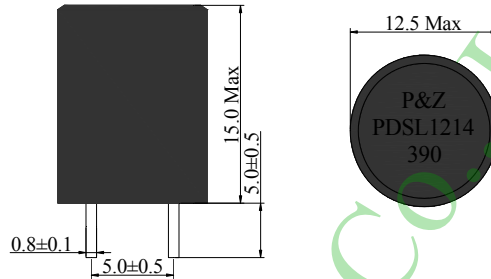
Inductance Range: 10μH~2200μH  
 Temperature Range: -40℃~+125℃

### PDSL1214 Series

#### DIMENSIONS(mm)



Dimensions (mm)



#### FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR12.5 mm, Height 15.0 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 Frequency	D.C.R(Ω) Max.	Rated Current(A)
PDSL1214-100M□	10	±20%	100KHZ/0.25V	0.015	3.61
PDSL1214-150M□	15	±20%	100KHZ/0.25V	0.017	3.16
PDSL1214-180M□	18	±20%	100KHZ/0.25V	0.020	2.81
PDSL1214-220M□	22	±20%	100KHZ/0.25V	0.021	2.44
PDSL1214-270M□	27	±20%	100KHZ/0.25V	0.023	2.12
PDSL1214-330M□	33	±20%	100KHZ/0.25V	0.024	1.8
PDSL1214-390M□	39	±20%	100KHZ/0.25V	0.027	1.64
PDSL1214-470M□	47	±20%	100KHZ/0.25V	0.032	1.57
PDSL1214-560M□	56	±20%	100KHZ/0.25V	0.034	1.39
PDSL1214-680M□	68	±20%	100KHZ/0.25V	0.060	1.26
PDSL1214-820M□	82	±20%	100KHZ/0.25V	0.070	1.18
PDSL1214-101M□	100	±20%	100KHZ/0.25V	0.090	1.14
PDSL1214-151M□	150	±20%	100KHZ/0.25V	0.11	0.82
PDSL1214-181M□	180	±20%	100KHZ/0.25V	0.12	0.73
PDSL1214-221M□	220	±20%	100KHZ/0.25V	0.14	0.61
PDSL1214-271M□	270	±20%	100KHZ/0.25V	0.16	0.54
PDSL1214-331M□	330	±20%	100KHZ/0.25V	0.17	0.52
PDSL1214-391M□	390	±20%	100KHZ/0.25V	0.32	0.48
PDSL1214-471M□	470	±20%	100KHZ/0.25V	0.35	0.44
PDSL1214-561M□	560	±20%	100KHZ/0.25V	0.39	0.40
PDSL1214-681M□	680	±20%	100KHZ/0.25V	0.44	0.38
PDSL1214-821M□	820	±20%	100KHZ/0.25V	0.48	0.28
PDSL1214-102M□	1000	±20%	100KHZ/0.25V	0.53	0.27
PDSL1214-122M□	1200	±20%	100KHZ/0.25V	0.66	0.26
PDSL1214-152M□	1500	±20%	100KHZ/0.25V	0.86	0.23
PDSL1214-182M□	1800	±20%	100KHZ/0.25V	0.95	0.21
PDSL1214-222M□	2200	±20%	100KHZ/0.25V	1.07	0.18

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

P&Z Electronic (Dongguan) Co., Ltd