

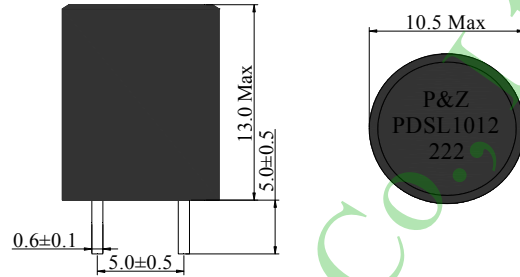
**Inductance Range: 1.0mH~120mH**  
**Temperature Range: -40°C~+125°C**

### PDSL1012 Series

#### DIMENSIONS(mm)



Dimensions (mm)




#### FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR10.5 mm, Height 13.0 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 (mH)	Tolerance (%)	Test Frequency	D.C.R(Ω) Max	Rated Current(A)
PDSL1012-102M□	1.0	±20%	100KHZ/0.25V	3.4	55
PDSL1012-122M□	1.2	±20%	100KHZ/0.25V	3.7	52
PDSL1012-152M□	1.5	±20%	100KHZ/0.25V	4.0	47
PDSL1012-182M□	1.8	±20%	100KHZ/0.25V	4.5	44
PDSL1012-222M□	2.2	±20%	100KHZ/0.25V	5.2	41
PDSL1012-272M□	2.7	±20%	100KHZ/0.25V	5.8	37
PDSL1012-332M□	3.3	±20%	100KHZ/0.25V	6.1	33
PDSL1012-392M□	3.9	±20%	100KHZ/0.25V	7.2	30
PDSL1012-472M□	4.7	±20%	100KHZ/0.25V	7.5	28
PDSL1012-562M□	5.6	±20%	100KHZ/0.25V	8.4	25
PDSL1012-682M□	6.8	±20%	100KHZ/0.25V	9.7	23
PDSL1012-882M□	8.8	±20%	100KHZ/0.25V	10.4	21
PDSL1012-103M□	10	±20%	100KHZ/0.25V	12.1	18
PDSL1012-123M□	12	±20%	100KHZ/0.25V	13.0	17
PDSL1012-153M□	15	±20%	100KHZ/0.25V	15.0	15
PDSL1012-183M□	18	±20%	100KHZ/0.25V	17.0	13
PDSL1012-223M□	22	±20%	100KHZ/0.25V	19.5	11
PDSL1012-273M□	27	±20%	100KHZ/0.25V	22.0	10
PDSL1012-333M□	33	±20%	100KHZ/0.25V	26	9
PDSL1012-393M□	39	±20%	100KHZ/0.25V	45	8
PDSL1012-563M□	56	±20%	Test Frequency	58	7
PDSL1012-683M□	68	±20%	100KHZ/0.25V	67	6
PDSL1012-823M□	82	±20%	100KHZ/0.25V	71	5
PDSL1012-104M□	100	±20%	100KHZ/0.25V	82	5
PDSL1012-124M□	120	±20%	100KHZ/0.25V	97	5

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