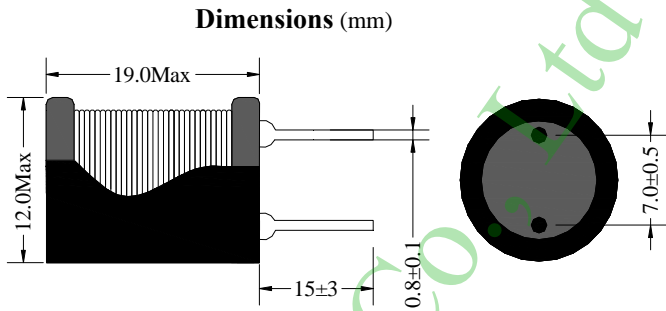


Power Inductor for DIP Type

Inductance Range: 3.3μH~1000μH
 Temperature Range: -40℃~+125℃

PDL1016 Series

DIMENSIONS(mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 12.0 mm, Height 19.0 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(mA)
PDL1016-3R3□	3.3	K,M	10KHZz/0.25V	0.015	8500
PDL1016-3R9□	3.9	K,M	10KHZz/0.25V	0.015	8000
PDL1016-4R7□	4.7	K,M	10KHZz/0.25V	0.02	7500
PDL1016-5R6□	5.6	K,M	10KHZz/0.25V	0.025	7500
PDL1016-6R8□	6.8	K,M	10KHZz/0.25V	0.025	7500
PDL1016-8R2□	8.2	K,M	10KHZz/0.25V	0.025	7200
PDL1016-100□	10	K,M	10KHZz/0.25V	0.03	7200
PDL1016-120□	12	K,M	10KHZz/0.25V	0.03	7000
PDL1016-150□	15	K,M	10KHZz/0.25V	0.035	6500
PDL1016-180□	18	K,M	10KHZz/0.25V	0.035	6300
PDL1016-220□	22	K,M	10KHZz/0.25V	0.045	5500
PDL1016-270□	27	K,M	10KHZz/0.25V	0.05	4500
PDL1016-330□	33	K,M	10KHZz/0.25V	0.07	4000
PDL1016-390□	39	K,M	10KHZz/0.25V	0.07	3800
PDL1016-470□	47	K,M	10KHZz/0.25V	0.07	3600
PDL1016-560□	56	K,M	10KHZz/0.25V	0.08	3200
PDL1016-680□	68	K,M	10KHZz/0.25V	0.09	3000
PDL1016-820□	82	K,M	10KHZz/0.25V	0.095	2600
PDL1016-101□	100	K,M	10KHZz/0.25V	0.12	2500
PDL1016-121□	120	K,M	10KHZz/0.25V	0.14	2300
PDL1016-151□	150	K,M	10KHZz/0.25V	0.17	2100
PDL1016-181□	180	K,M	10KHZz/0.25V	0.19	2000
PDL1016-221□	220	K,M	10KHZz/0.25V	0.25	1800
PDL1016-271□	270	K,M	10KHZz/0.25V	0.34	1500
PDL1016-331□	330	K,M	10KHZz/0.25V	0.45	1500
PDL1016-391□	390	K,M	10KHZz/0.25V	0.51	1300

PDL1016-471□	470	K,M	10KHZz/0.25V	0.56	1200
PDL1016-561□	560	K,M	10KHZz/0.25V	0.64	1000
PDL1016-681□	680	K,M	10KHZz/0.25V	0.71	1000
PDL1016-821□	820	K,M	10KHZz/0.25V	1.01	900
PDL1016-102□	1000	K,M	10KHZz/0.25V	1.2	800

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