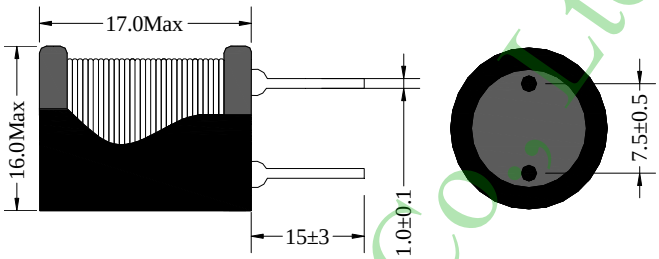
Power Inductor for DIP Type

Inductance Range:10μH~1000μH
Temperature Range:－40℃～＋125℃

PDL1415 Series

DIMENSIONS(mm)

Dimensions (mm)



RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr＋6	PBBs	PBDEs
＜1000ppm	ND	ND	ND	ND

FEATURES：

★Magnetically shielded type inductor, possible to decrease reflection noise.
★High current & low DCR,DR 16.0 mm, Height 17.0 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

Electrical Characteristics：

Part Number	Inductance (μH)	Tolerance（%）	Test Condition	D.C.R(Ω) Max.	Rated Current(A)
PDL1415-100□	10	M	10KHZ/0.25V	17 m	14
PDL1415-120□	12	K,M	10KHZ/0.25V	19 m	12
PDL1415-150□	15	K,M	10KHZ/0.25V	21 m	10
PDL1415-220□	22	K,M	10KHZ/0.25V	26 m	8.8
PDL1415-270□	27	K,M	10KHZ/0.25V	28 m	8.3
PDL1415-330□	33	K,M	10KHZ/0.25V	34 m	7.8
PDL1415-390□	39	K,M	10KHZ/0.25V	38 m	7.3
PDL1415-470□	47	K,M	10KHZ/0.25V	46 m	6.7
PDL1415-560□	56	K,M	10KHZ/0.25V	51 m	6.2
PDL1415-680□	68	K,M	10KHZ/0.25V	55 m	5.7
PDL1415-820□	82	K,M	10KHZ/0.25V	58 m	5.2
PDL1415-101□	100	K,M	10KHZ/0.25V	75 m	4.6
PDL1415-121□	120	K,M	10KHZ/0.25V	0.100	4.2
PDL1415-151□	150	K,M	10KHZ/0.25V	0.125	3.7
PDL1415-181□	180	K,M	10KHZ/0.25V	0.141	3.5
PDL1415-221□	220	K,M	10KHZ/0.25V	0.208	3.0
PDL1415-271□	270	K,M	10KHZ/0.25V	0.240	2.7
PDL1415-331□	330	K,M	10KHZ/0.25V	0.272	2.5
PDL1415-391□	390	K,M	10KHZ/0.25V	0.303	2.3
PDL1415-471□	470	K,M	10KHZ/0.25V	0.342	2.1
PDL1415-561□	560	K,M	10KHZ/0.25V	0.531	1.8

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Part Number	Inductance (μH)	Tolerance（%）	Test Condition	D.C.R(Ω)	Rated
PDL1415-681□	680	K,M	10KHZ/0.25V	0.59	1.7
PDL1415-821□	820	K,M	10KHZ/0.25V	0.728	1.5
PDL1415-102□	1000	J,K,M	10KHZ/0.25V	0.75	1.4

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 △T ＝40℃ ,whichever is smaller(Ta＝20℃).

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