

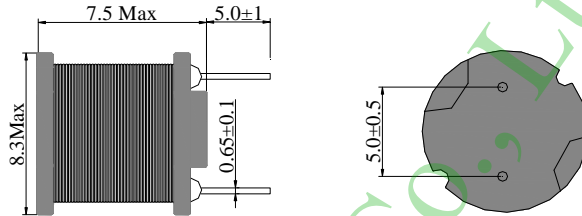
Inductance Range: 10 μ H~10000 μ H
Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDL0807D Series

DIMENSIONS(mm)



Dimensions (mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 8.3 mm, Height 7.5mm 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)	Test Condition	Tolerance (%)	D.C.R(Ω) Max	Rated Current(A)
PDL0807D - 100M <input type="checkbox"/>	10	1KHz/0.25V	$\pm 20\%$	0.050	2.900
PDL0807D - 120M <input type="checkbox"/>	12	1KHz/0.25V	$\pm 20\%$	0.060	2.500
PDL0807D - 150M <input type="checkbox"/>	15	1KHz/0.25V	$\pm 20\%$	0.070	2.200
PDL0807D - 180M <input type="checkbox"/>	18	1KHz/0.25V	$\pm 20\%$	0.080	1.900
PDL0807D - 220M <input type="checkbox"/>	22	1KHz/0.25V	$\pm 20\%$	0.090	1.800
PDL0807D - 270M <input type="checkbox"/>	27	1KHz/0.25V	$\pm 20\%$	0.110	1.700
PDL0807D - 330M <input type="checkbox"/>	33	1KHz/0.25V	$\pm 20\%$	0.130	1.500
PDL0807D - 390M <input type="checkbox"/>	39	1KHz/0.25V	$\pm 20\%$	0.140	1.300
PDL0807D - 470M <input type="checkbox"/>	47	1KHz/0.25V	$\pm 20\%$	0.150	1.300
PDL0807D - 560M <input type="checkbox"/>	56	1KHz/0.25V	$\pm 20\%$	0.180	1.200
PDL0807D - 680M <input type="checkbox"/>	68	1KHz/0.25V	$\pm 20\%$	0.200	1.100
PDL0807D - 820M <input type="checkbox"/>	82	1KHz/0.25V	$\pm 20\%$	0.240	1.000
PDL0807D - 101M <input type="checkbox"/>	100	1KHz/0.25V	$\pm 20\%$	0.280	0.890
PDL0807D - 121M <input type="checkbox"/>	120	1KHz/0.25V	$\pm 20\%$	0.360	0.810
PDL0807D - 151M <input type="checkbox"/>	150	1KHz/0.25V	$\pm 20\%$	0.420	0.720
PDL0807D - 181M <input type="checkbox"/>	180	1KHz/0.25V	$\pm 20\%$	0.570	0.660
PDL0807D - 221M <input type="checkbox"/>	220	1KHz/0.25V	$\pm 20\%$	0.630	0.570
PDL0807D - 271M <input type="checkbox"/>	270	1KHz/0.25V	$\pm 20\%$	0.880	0.510
PDL0807D - 331M <input type="checkbox"/>	330	1KHz/0.25V	$\pm 20\%$	1.050	0.460
PDL0807D - 391M <input type="checkbox"/>	390	1KHz/0.25V	$\pm 20\%$	1.170	0.440
PDL0807D - 471M <input type="checkbox"/>	470	1KHz/0.25V	$\pm 20\%$	1.340	0.410
PDL0807D - 561M <input type="checkbox"/>	560	1KHz/0.25V	$\pm 20\%$	1.720	0.360
PDL0807D - 681M <input type="checkbox"/>	680	1KHz/0.25V	$\pm 20\%$	1.960	0.330
PDL0807D - 821M <input type="checkbox"/>	820	1KHz/0.25V	$\pm 20\%$	2.560	0.300
PDL0807D - 102M <input type="checkbox"/>	1000	1KHz/0.25V	$\pm 20\%$	2.940	0.270

Part Number	Inductance (μH)	Test Condition	Tolerance (%)	D.C.R(Ω) Max	Rated Current(A)
PDL0807D - 122M □	1200	1KHz/0.25V	± 20%	4.040	0.240
PDL0807D - 152M □	1500	1KHz/0.25V	± 20%	4.700	0.220
PDL0807D - 182M □	1800	1KHz/0.25V	± 20%	5.050	0.200
PDL0807D - 222M □	2200	1KHz/0.25V	± 20%	6.250	0.180
PDL0807D - 272M □	2700	1KHz/0.25V	± 20%	8.720	0.160
PDL0807D - 332M □	3300	1KHz/0.25V	± 20%	10.600	0.150
PDL0807D - 392M □	3900	1KHz/0.25V	± 20%	14.200	0.140
PDL0807D - 472M □	4700	1KHz/0.25V	± 20%	16.700	0.120
PDL0807D - 562M □	5600	1KHz/0.25V	± 20%	18.700	0.110
PDL0807D - 682M □	6800	1KHz/0.25V	± 20%	21.800	0.100
PDL0807D - 822M □	8200	1KHz/0.25V	± 20%	28.700	0.093
PDL0807D - 103M □	10000	1KHz/0.25V	± 20%	33.000	0.084

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($T_a=20^{\circ}\text{C}$).