

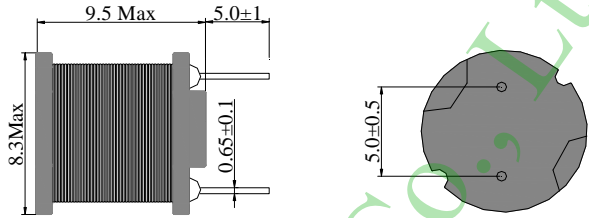
Inductance Range: 10μH~47000μH
 Temperature Range: -40℃~+125℃

PDL0809D Series

DIMENSIONS(mm)



Dimensions (mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 8.3mm, Height 9.5mm 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 (μH)	Test Condition	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDL0809D - 100M□	10	1KHz/0.25V	± 20%	0.040	2.600
PDL0809D - 120M□	12	1KHz/0.25V	± 20%	0.040	2.600
PDL0809D - 150M□	15	1KHz/0.25V	± 20%	0.050	2.100
PDL0809D - 180M□	18	1KHz/0.25V	± 20%	0.050	2.000
PDL0809D - 220M□	22	1KHz/0.25V	± 20%	0.060	1.700
PDL0809D - 270M□	27	1KHz/0.25V	± 20%	0.060	1.600
PDL0809D - 330M□	33	1KHz/0.25V	± 20%	0.070	1.400
PDL0809D - 390M□	39	1KHz/0.25V	± 20%	0.080	1.400
PDL0809D - 470M□	47	1KHz/0.25V	± 20%	0.100	1.300
PDL0809D - 560M□	56	1KHz/0.25V	± 20%	0.110	1.200
PDL0809D - 680M□	68	1KHz/0.25V	± 20%	0.140	1.100
PDL0809D - 820M□	82	1KHz/0.25V	± 20%	0.160	1.000
PDL0809D - 101M□	100	1KHz/0.25V	± 20%	0.190	0.900
PDL0809D - 121M□	120	1KHz/0.25V	± 20%	0.220	0.820
PDL0809D - 151M□	150	1KHz/0.25V	± 20%	0.270	0.740
PDL0809D - 181M□	180	1KHz/0.25V	± 20%	0.310	0.710
PDL0809D - 221M□	220	1KHz/0.25V	± 20%	0.380	0.640
PDL0809D - 271M□	270	1KHz/0.25V	± 20%	0.530	0.570
PDL0809D - 331M□	330	1KHz/0.25V	± 20%	0.610	0.510
PDL0809D - 391M□	390	1KHz/0.25V	± 20%	0.690	0.480
PDL0809D - 471M□	470	1KHz/0.25V	± 20%	0.890	0.430
PDL0809D - 561M□	560	1KHz/0.25V	± 20%	1.010	0.400
PDL0809D - 681M□	680	1KHz/0.25V	± 20%	1.180	0.350
PDL0809D - 821M□	820	1KHz/0.25V	± 20%	1.570	0.320
PDL0809D - 102M□	1000	1KHz/0.25V	± 20%	1.840	0.300

Part Number	Inductance (μH)	Test Condition	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDL0809D - 122M□	1200	1KHz/0.25V	± 20%	2.100	0.270
PDL0809D - 152M□	1500	1KHz/0.25V	± 20%	2.800	0.230
PDL0809D - 182M□	1800	1KHz/0.25V	± 20%	3.210	0.210
PDL0809D - 222M□	2200	1KHz/0.25V	± 20%	4.210	0.190
PDL0809D - 272M□	2700	1KHz/0.25V	± 20%	4.940	0.170
PDL0809D - 332M□	3300	1KHz/0.25V	± 20%	6.160	0.150
PDL0809D - 392M□	3900	1KHz/0.25V	± 20%	6.840	0.140
PDL0809D - 472M□	4700	1KHz/0.25V	± 20%	7.890	0.130
PDL0809D - 562M□	5600	1KHz/0.25V	± 20%	11.500	0.120
PDL0809D - 682M□	6800	1KHz/0.25V	± 20%	13.200	0.110
PDL0809D - 822M□	8200	1KHz/0.25V	± 20%	15.200	0.100
PDL0809D - 103M□	10000	1KHz/0.25V	± 20%	22.000	0.089
PDL0809D - 123M□	12000	1KHz/0.25V	± 20%	25.000	0.073
PDL0809D - 153M□	15000	1KHz/0.25V	± 20%	29.100	0.068
PDL0809D - 183M□	18000	1KHz/0.25V	± 20%	38.900	0.066
PDL0809D - 223M□	22000	1KHz/0.25V	± 20%	44.900	0.059
PDL0809D - 273M□	27000	1KHz/0.25V	± 20%	55.700	0.052
PDL0809D - 333M□	33000	1KHz/0.25V	± 20%	64.200	0.048
PDL0809D - 393M□	39000	1KHz/0.25V	± 20%	74.200	0.042
PDL0809D - 473M□	47000	1KHz/0.25V	± 20%	96.400	0.038

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