

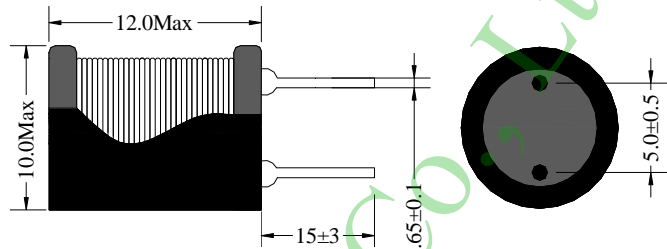
Inductance Range: 1.2 μ H~2200 μ H
 Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDL0810 Series

DIMENSIONS(mm)



Dimensions (mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 10.0 mm, Height 12.0 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 (μ H)	Tolerance (%)	Test Condition	D.C.R(Ω) Max.	Rated Current(A)
PDL0810-1R2M□	1.2	M	10KHZ/0.25V	7.70m	15
PDL0810-2R2M□	2.2	M	10KHZ/0.25V	14.0m	12
PDL0810-3R3M□	3.3	M	10KHZ/0.25V	16.0m	10
PDL0810-4R7M□	4.7	M	10KHZ/0.25V	18.0m	8
PDL0810-6R8M□	6.8	M	10KHZ/0.25V	25.0m	5.2
PDL0810-100M□	10	K,M	10KHZ/0.25V	26.0m	5
PDL0810-150M□	15	K,M	10KHZ/0.25V	68.0m	4.3
PDL0810-180M□	18	L,M	10KHZ/0.25V	70.0m	4.1
PDL0810-220M□	22	K,M	10KHZ/0.25V	74.0m	3.9
PDL0810-270M□	27	K,M	10KHZ/0.25V	82.5m	3.7
PDL0810-330M□	33	K,M	10KHZ/0.25V	85.0m	3.5
PDL0810-10M1□	100	K,M	10KHZ/0.25V	0.44	1.0
PDL0810-180M□	180	K,M	10KHZ/0.25V	0.44	1.0
PDL0810-221M□	220	K	10KHZ/0.25V	0.5	0.9
PDL0810-271M□	270	K,M	10KHZ/0.25V	0.6	0.83
PDL0810-331M□	330	K,M	10KHZ/0.25V	0.78	0.78
PDL0810-391M□	390	K,M	10KHZ/0.25V	0.85	0.7
PDL0810-471M□	470	K,M	10KHZ/0.25V	1.08	0.63
PDL0810-561M□	560	K,M	10KHZ/0.25V	1.19	0.6
PDL0810-681M□	680	K,M	10KHZ/0.25V	1.59	0.55
PDL0810-821M□	820	K,M	10KHZ/0.25V	1.88	0.5
PDL0810-102M□	1000	K	10KHZ/0.25V	2.3	0.45
PDL0810-122M□	1100	K	10KHZ/0.25V	2.6	0.43
PDL0810-122M□	1200	K	10KHZ/0.25V	3.2	0.40
PDL0810-152M□	1500	K,M	10KHZ/0.25V	3.4	0.30
PDL0810-222M□	2200	K	1kHz/0.25V	3.9	0.27

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

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