

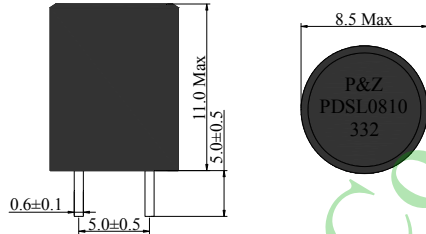
Inductance Range: 1.0mH~47mH
Temperature Range: -40°C~+125°C

PDSL0810 Series

DIMENSIONS(mm)



Dimensions (mm)



FEATURES:

- ★Magnetically shielded type inductor, possible to decrease reflection noise.
- ★High current & low DCR, DR 8.5 mm, Height 11.0 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 (mH)	Tolerance (%)	Test Condition	D.C.R(Ω) Max	Rated Current(A)
PDSL0810-102M□	1.0	±20%	100KHZ/0.25V	4.7	57
PDSL0810-122M□	1.2	±20%	100KHZ/0.25V	5.1	50
PDSL0810-152M□	1.5	±20%	100KHZ/0.25V	5.9	46
PDSL0810-182M□	1.8	±20%	100KHZ/0.25V	6.6	41
PDSL0810-222M□	2.2	±20%	100KHZ/0.25V	7.8	37
PDSL0810-272M□	2.7	±20%	100KHZ/0.25V	9	34
PDSL0810-332M□	3.3	±20%	100KHZ/0.25V	10	30
PDSL0810-392M□	3.9	±20%	100KHZ/0.25V	11.5	28
PDSL0810-472M□	4.7	±20%	100KHZ/0.25V	12.6	25
PDSL0810-562M□	5.6	±20%	100KHZ/0.25V	17.2	23
PDSL0810-682M□	6.8	±20%	100KHZ/0.25V	19	20
PDSL0810-882M□	8.8	±20%	100KHZ/0.25V	22	18
PDSL0810-103M□	10	±20%	100KHZ/0.25V	25	15
PDSL0810-123M□	12	±20%	100KHZ/0.25V	28	14
PDSL0810-153M□	15	±20%	100KHZ/0.25V	33	12
PDSL0810-183M□	18	±20%	100KHZ/0.25V	42	11
PDSL0810-223M□	22	±20%	100KHZ/0.25V	48	10
PDSL0810-273M□	27	±20%	100KHZ/0.25V	56	10
PDSL0810-333M□	33	±20%	100KHZ/0.25V	64	9
PDSL0810-393M□	39	±20%	100KHZ/0.25V	72	8
PDSL0810-473M□	47	±20%	100KHZ/0.25V	82	8

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