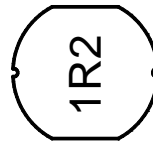
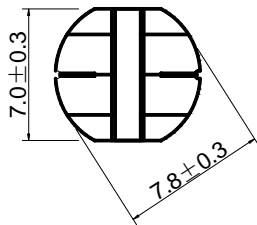


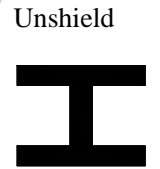
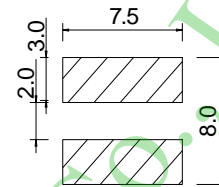
Inductance Range: 1.2μH~1000μH
Temperature Range: -40℃~+125℃

PD75-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Round 7.8mm, Height 5.0mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/
PDA/MP3 & MP4 player/Digital camera/DVD 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	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PD75-1R2M	100KHz/0.3V	1.2	±20	15m	7.50
PD75-1R8M	100KHz/0.3V	1.8	±20	20m	6.00
PD75-2R2M	100KHz/0.3V	2.2	±20	23m	5.30
PD75-3R3M	100KHz/0.3V	3.3	±20	28m	4.50
PD75-4R7M	100KHz/0.3V	4.7	±20	45m	4.00
PD75-5R6M	100KHz/0.3V	5.6	±20	48m	3.60
PD75-6R8M	100KHz/0.3V	6.8	±20	58m	3.20
PD75-8R2M	100KHz/0.3V	8.2	±20	70m	2.80
PD75-100K,M	1KHz/0.3V	10	±10,±20	70m	2.30
PD75-150K,M	1KHz/0.3V	15	±10,±20	90m	1.80
PD75-180K,M	1KHz/0.3V	18	±10,±20	100m	1.60
PD75-220K,M	1KHz/0.3V	22	±10,±20	110m	1.50
PD75-270K,M	1KHz/0.3V	27	±10,±20	120m	1.30
PD75-330K,M	1KHz/0.3V	33	±10,±20	130m	1.20
PD75-390K,M	1KHz/0.3V	39	±10,±20	0.160	1.10
PD75-470K,M	1KHz/0.3V	47	±10,±20	0.180	1.10
PD75-560K,M	1KHz/0.3V	56	±10,±20	0.240	0.94
PD75-680K,M	1KHz/0.3V	68	±10,±20	0.280	0.85
PD75-820K,M	1KHz/0.3V	82	±10,±20	0.370	0.78
PD75-101K,M	1KHz/0.3V	100	±10,±20	0.430	0.72
PD75-151K,M	1KHz/0.3V	150	±10,±20	0.640	0.58
PD75-181K,M	1KHz/0.3V	180	±10,±20	0.710	0.51
PD75-221K,M	1KHz/0.3V	220	±10,±20	0.960	0.49
PD75-271K,M	1KHz/0.3V	270	±10,±20	1.110	0.42
PD75-391K,M	1KHz/0.3V	390	±10,±20	1.770	0.36
PD75-471K,M	1KHz/0.3V	470	±10,±20	1.960	0.34
PD75-681K,M	1KHz/0.3V	680	±10,±20	2.480	0.30
PD75-821K,M	1KHz/0.3V	820	±10,±20	3.400	0.30
PD75-102K,M	1KHz/0.3V	1000	±10,±20	5.000	0.17

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B 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 ΔT=40℃ ,whichever is smaller(Ta=20℃).