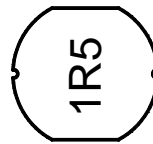
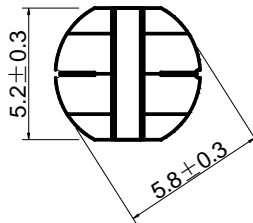


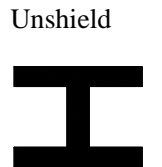
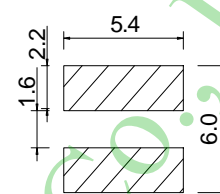
Inductance Range: 1.5μH~330μH
Temperature Range: -40℃~+125℃

PD54-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel:1500pcs
- ★Small products, Round 5.8mm, Height 4.5mm 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)
PD54-1R5M	100KHz/0.3V	1.5	±20	25m	5.00
PD54-2R2M	100KHz/0.3V	2.2	±20	27m	4.50
PD54-2R7M	100KHz/0.3V	2.7	±20	30m	3.50
PD54-3R3M	100KHz/0.3V	3.3	±20	34m	3.00
PD54-4R7M	100KHz/0.3V	4.7	±20	40m	3.00
PD54-6R8M	100KHz/0.3V	6.8	±20	80m	2.50
PD54-100K,M	1KHz/0.3V	10	±10,±20	100m	1.44
PD54-120K,M	1KHz/0.3V	12	±10,±20	120m	1.40
PD54-150K,M	1KHz/0.3V	15	±10,±20	140m	1.30
PD54-180K,M	1KHz/0.3V	18	±10,±20	150m	1.23
PD54-220K,M	1KHz/0.3V	22	±10,±20	180m	1.11
PD54-270K,M	1KHz/0.3V	27	±10,±20	200m	0.97
PD54-330K,M	1KHz/0.3V	33	±10,±20	230m	0.88
PD54-390K,M	1KHz/0.3V	39	±10,±20	320m	0.80
PD54-470K,M	1KHz/0.3V	47	±10,±20	370m	0.72
PD54-560K,M	1KHz/0.3V	56	±10,±20	420m	0.68
PD54-680K,M	1KHz/0.3V	68	±10,±20	460m	0.61
PD54-820K,M	1KHz/0.3V	82	±10,±20	0.600	0.58
PD54-101K,M	1KHz/0.3V	100	±10,±20	0.700	0.52
PD54-121K,M	1KHz/0.3V	120	±10,±20	0.930	0.48
PD54-151K,M	1KHz/0.3V	150	±10,±20	1.100	0.40
PD54-181K,M	1KHz/0.3V	180	±10,±20	1.380	0.38
PD54-221K,M	1KHz/0.3V	220	±10,±20	1.570	0.35
PD54-331K,M	1KHz/0.3V	330	±10,±20	2.200	0.30

- 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 $\Delta T=40^{\circ}\text{C}$,whichever is smaller($T_a=20^{\circ}\text{C}$).