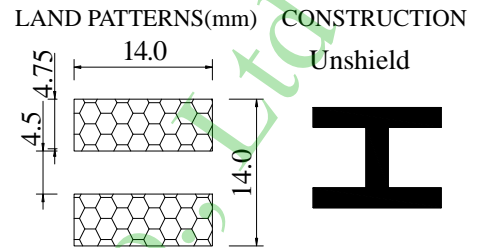
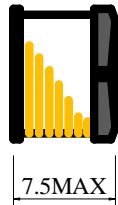
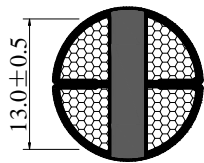


Inductance Range: 10μH~1000μH  
 Temperature Range: -40℃~+125℃

PD1307-Serie

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 400pcs
- ★High current & low DCR, Round 13.0mm, Height 7.0 mm 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.	Ratted Current(A)	
					Irms	Isat
PD1307-100M	100KHz/0.3V	10.0	±20	0.023	5.60	10.20
PD1307-120M	100KHz/0.3V	12.0	±20	0.030	4.80	9.00
PD1307-150M	100KHz/0.3V	15.0	±20	0.034	4.50	8.00
PD1307-180M	100KHz/0.3V	18.0	±20	0.040	4.20	7.50
PD1307-220M	100KHz/0.3V	22.0	±20	0.052	3.60	7.00
PD1307-270M	100KHz/0.3V	27.0	±20	0.060	3.30	6.00
PD1307-330M	100KHz/0.3V	33.0	±10,±20	0.070	3.10	5.50
PD1307-390M	100KHz/0.3V	39.0	±1,±200	0.075	2.90	5.10
PD1307-470M	100KHz/0.3V	47.0	±10,±20	0.082	2.70	4.70
PD1307-560M	1KHz/0.3V	68.0	±10,±20	0.112	2.50	4.30
PD1307-680M	1KHz/0.3V	82.0	±10,±20	0.135	2.30	4.00
PD1307-820M	1KHz/0.3V	100	±10,±20	0.14	2.10	3.70
PD1307-101K,M	1KHz/0.3V	120	±10,±20	0.18	1.90	3.20
PD1307-121K,M	1KHz/0.3V	150	±10,±20	0.23	1.80	3.00
PD1307151K,M	1KHz/0.3V	180	±10,±20	0.26	1.60	2.70
PD1307-181K,M	1KHz/0.3V	220	±10,±20	0.35	1.50	2.40
PD1307-221K,M	1KHz/0.3V	270-	±10,±20	0.38	1.30	2.20
PD1307-2710K,M	1KHz/0.3V	330	±10,±20	0.48	1.20	1.90
PD1307-331K,M	1KHz/0.3V	390	±10,±20	0.52	1.10	1.70
PD1307-391K,M	1KHz/0.3V	470	±10,±20	0.65	1.00	1.60
PD1307-471K,M	1KHz/0.3V	560	±10,±20	0.80	0.90	1.50
PD1307-561K,M	1KHz/0.3V	680	±10,±20	1.10	0.85	1.30
PD1307-681K,M	1KHz/0.3V	820	±10,±20	1.15	0.80	1.20
PD1307-821K,M	1KHz/0.3V	1000	±10,±20	1.60	0.75	1.10

- 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 the56.0 inductance decreases by 25% from the initial value or the temperature rise is ΔT=40℃ ,whichecker is smaller(Ta=20℃).