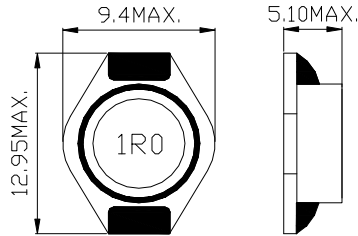


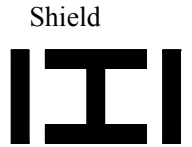
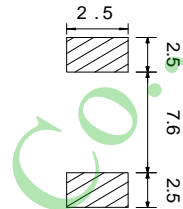
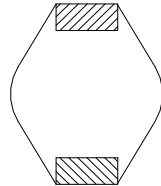
Inductance Range: 1.0μH~220μH
Temperature Range: -40℃~+125℃

PDRB1205-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Elliptic 9.4mm*12.95mm, Height 4.8mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA /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	
					Isat(A)	Irms(A)
PDRB1205-1R0N	100KHz/1.0V	1.0	±30	21m	5.60	5.00
PDRB1205-1R5N	100KHz/1.0V	1.5	±30	22m	5.20	4.50
PDRB1205-2R2M	100KHz/1.0V	2.2	±20	32m	5.00	3.80
PDRB1205-3R3M	100KHz/1.0V	3.3	±20	39m	3.90	3.30
PDRB1205-4R7M	100KHz/1.0V	4.7	±20	54m	3.20	2.70
PDRB1205-6R8M	100KHz/1.0V	6.8	±20	75m	2.80	2.20
PDRB1205-100M	100KHz/1.0V	10	±20	101m	2.40	2.00
PDRB1205-150M	100KHz/1.0V	15	±20	150m	2.00	1.50
PDRB1205-220M	100KHz/1.0V	22	±20	207m	1.60	1.30
PDRB1205-330M	100KHz/1.0V	33	±20	334m	1.40	1.10
PDRB1205-470M	100KHz/1.0V	47	±20	472m	1.00	0.80
PDRB1205-680M	100KHz/1.0V	68	±20	660m	0.90	0.70
PDRB1205-101M	100KHz/1.0V	100	±20	1.110	0.80	0.60
PDRB1205-151M	100KHz/1.0V	150	±20	1.550	0.60	0.50
PDRB1205-221M	100KHz/1.0V	220	±20	2.000	0.50	0.37

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. The Isat is the current at which the inductance decreases by 10% from the initial value
4. The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever (Ta=20℃)