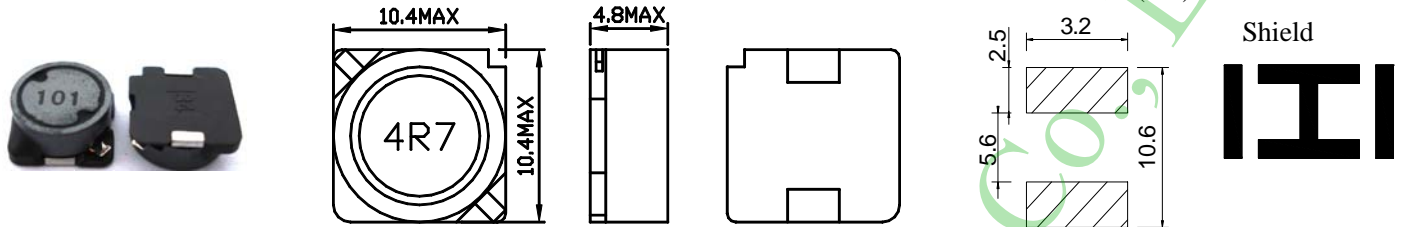


PDRB1005-Series

Inductance Range: 4.7μH~1500μH

Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 750pcs
- ★High current & low DCR, Quadrate 10.4mm Max, 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 /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)
PDRB1005-4R7M	100KHz/0.3V	4.7	±20	40.80m	3.60
PDRB1005-6R8M	100KHz/0.3V	6.8	±20	42.00m	3.50
PDRB1005-100M	1KHz/0.3V	10	±20	43.68m	3.00
PDRB1005-150M	1KHz/0.3V	15	±20	56.64m	2.40
PDRB1005-220M	1KHz/0.3V	22	±20	70.92m	2.10
PDRB1005-330M	1KHz/0.3V	33	±20	98.40m	1.60
PDRB1005-470M	1KHz/0.3V	47	±20	0.120	1.40
PDRB1005-680M	1KHz/0.3V	68	±20	0.168	1.20
PDRB1005-101M	1KHz/0.3V	100	±20	0.240	1.00
PDRB1005-151M	1KHz/0.3V	150	±20	0.420	0.79
PDRB1005-221M	1KHz/0.3V	220	±20	0.564	0.65
PDRB1005-331M	1KHz/0.3V	330	±20	0.816	0.54
PDRB1005-471M	1KHz/0.3V	470	±20	1.236	0.47
PDRB1005-681M	1KHz/0.3V	680	±20	1.920	0.38
PDRB1005-102M	1KHz/0.3V	1000	±20	3.360	0.32
PDRB1005-152M	1KHz/0.3V	1500	±20	4.080	0.22

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