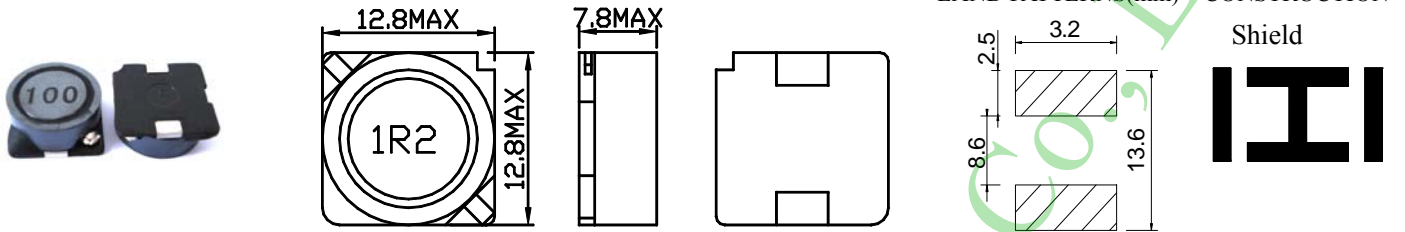


PDRB1275-Series

Inductance Range: 1.2μH~220μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate 12.8mm Max, Height 7.8mm 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(mΩ) Max.	Rated Current(A)
PDRB1275-1R2N	100KHz/0.3V	1.2	±30	8.28	13.00
PDRB1275-2R7N	100KHz/0.3V	2.7	±30	11.28	10.00
PDRB1275-3R3N	100KHz/0.3V	3.3	±30	12.00	9.50
PDRB1275-3R9N	100KHz/0.3V	3.9	±30	12.48	9.00
PDRB1275-4R7N	100KHz/0.3V	4.7	±30	13.50	8.50
PDRB1275-5R6N	100KHz/0.3V	5.6	±30	13.92	7.80
PDRB1275-6R8N	100KHz/0.3V	6.8	±30	15.72	7.20
PDRB1275-100M	1KHz/0.3V	10	±20	18.72	5.50
PDRB1275-150M	1KHz/0.3V	15	±20	22.08	4.70
PDRB1275-220M	1KHz/0.3V	22	±20	31.56	4.00
PDRB1275-330M	1KHz/0.3V	33	±20	47.40	3.20
PDRB1275-470M	1KHz/0.3V	47	±20	63.36	2.70
PDRB1275-680M	1KHz/0.3V	68	±20	93.36	2.00
PDRB1275-101M	1KHz/0.3V	100	±20	150.00	1.90
PDRB1275-151M	1KHz/0.3V	150	±20	210.00	1.50
PDRB1275-221M	1KHz/0.3V	220	±20	309.60	1.30

- 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 ΔT =40℃ ,whichever is smaller(Ta=20℃).