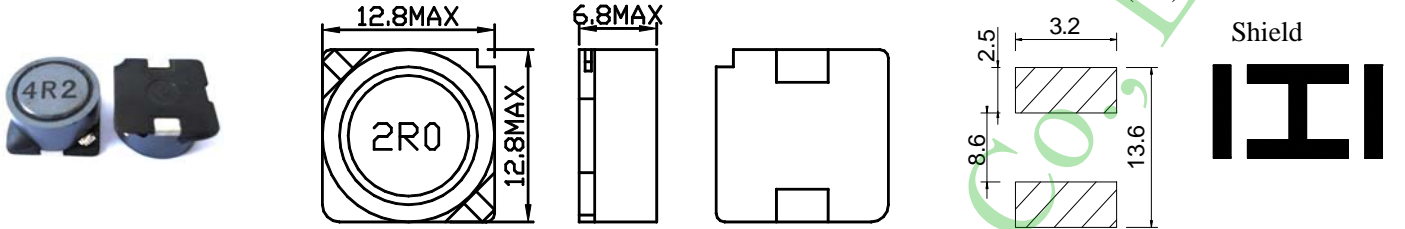


### PDRB1265-Series

**Inductance Range:** 2.0μH~220μH  
**Temperature Range:** -40℃~+125℃

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate 12.8mm Max, Height 6.8mm 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)
PDRB1265-2R0N	100KHz/0.3V	2.0	±30	14.00	10.00
PDRB1265-4R2N	100KHz/0.3V	4.2	±30	18.00	7.30
PDRB1265-7R0N	100KHz/0.3V	7.0	±30	21.24	5.70
PDRB1265-100M	1KHz/0.3V	10	±20	24.24	5.00
PDRB1265-150M	1KHz/0.3V	15	±20	28.44	4.20
PDRB1265-220M	1KHz/0.3V	22	±20	37.92	3.50
PDRB1265-330M	1KHz/0.3V	33	±20	48.72	2.80
PDRB1265-470M	1KHz/0.3V	47	±20	69.36	2.40
PDRB1265-680M	1KHz/0.3V	68	±20	94.44	2.00
PDRB1265-101M	1KHz/0.3V	100	±20	147.60	1.60
PDRB1265-221M	1KHz/0.3V	220	±20	327.60	1.00

- 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℃).