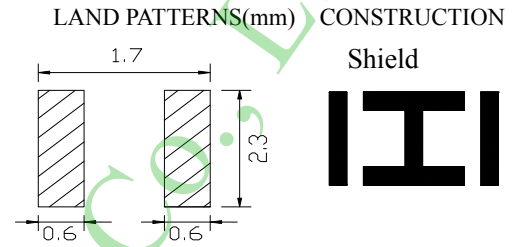
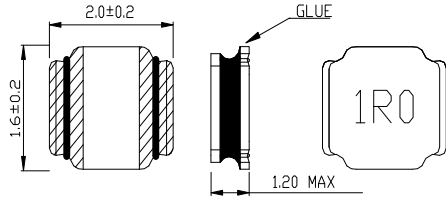


**Inductance Range:** 0.33μH~22μH  
**Temperature Range:** -40℃~+125℃

### PNR2016-Series

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 5000pcs
- ★Small products, Quadrate 2.0mm Max, Height 1.2mm Max.
- ★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) (±20%)	Rated Current	
					Isat(A)	Irms(A)
PNR2016-R33M	100KHz/0.3V	0.33	±30	44	4	3.5
PNR2016-R47M	100KHz/0.3V	0.47	±30	45	2.9	2.64
PNR2016-R50M	100KHz/0.3V	0.50	±20	58	2.5	2.25
PNR2016-R68M	100KHz/0.3V	0.68	±20	82	2.4	2.16
PNR2016-1R0M	100KHz/0.3V	1.00	±20	92	1.77	1.59
PNR2016-1R5M	100KHz/0.3V	1.50	±20	149	1.75	1.57
PNR2016-1R8M	100KHz/0.3V	1.80	±20	166	1.5	1.35
PNR2016-2R0M	100KHz/0.3V	2.00	±20	168	1.37	1.23
PNR2016-2R2M	100KHz/0.3V	2.20	±20	185	1.26	1.13
PNR2016-3R3M	100KHz/0.3V	3.30	±20	256	1.1	0.99
PNR2016-4R7M	100KHz/0.3V	4.70	±20	336	0.9	0.81
PNR2016-6R8M	100KHz/0.3V	6.80	±20	479	0.73	0.65
PNR2016-8R0M	100KHz/0.3V	8.20	±20	577	0.71	0.63
PNR2016-100M	100KHz/0.3V	10.00	±20	634	0.63	0.56
PNR2016-150M	100KHz/0.3V	15.00	±20	1746	0.54	0.48
PNR2016-220M	100KHz/0.3V	22.00	±20	1932	0.42	0.37

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalentPNt.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalentPNt.
- 3、 The Isat is the currPNt at which the inductance decreases by 30% from the initial value
- 4、 The Irms by Stand-Type is the currPNt at which the temperature rise is ΔT≤40℃ , whichever (Ta=20℃)