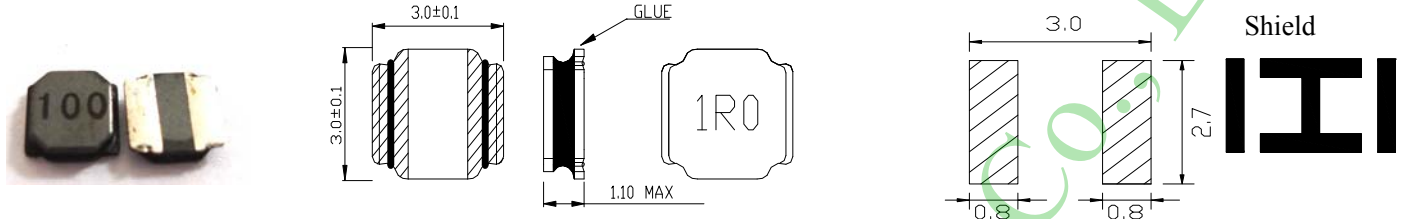


### PNR3010-Series

**Inductance Range:** 1.0μH~47μH  
**Temperature Range:** -40℃~+125℃

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 5000pcs
- ★Small products, Quadrate 3.1mm Max, Height 1.1mm 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)
PNR3010-1R0N	100KHz/0.3V	1.0	±30	0.065	1.30	1.40
PNR3010-1R8N	100KHz/0.3V	1.8	±30	0.080	1.20	1.30
PNR3010-2R2M	100KHz/0.3V	2.2	±20	0.095	1.10	1.10
PNR3010-3R3M	100KHz/0.3V	3.3	±20	0.140	0.87	0.94
PNR3010-4R7M	100KHz/0.3V	4.7	±20	0.190	0.75	0.78
PNR3010-6R8M	100KHz/0.3V	6.8	±20	0.300	0.61	0.63
PNR3010-100M	100KHz/0.3V	10	±20	0.450	0.50	0.51
PNR3010-150M	100KHz/0.3V	15	±20	0.740	0.40	0.40
PNR3010-220M	100KHz/0.3V	22	±20	1.030	0.35	0.35
PNR3010-330M	100KHz/0.3V	33	±20	1.550	0.26	0.28
PNR3010-470M	100KHz/0.3V	47	±20	2.050	0.22	0.24

- 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 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℃)