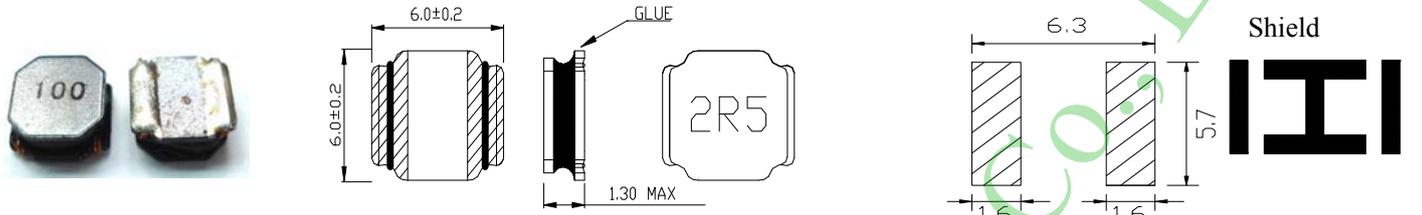


### PNR6012-Series

**Inductance Range:** 2.5μH~100μH  
**Temperature Range:** -40℃~+125℃

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 3000pcs
- ★Small products, Quadrate 6.2mm Max, Height 1.3mm 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)
PNR6012-2R5N	100KHz/0.3V	2.5	±30	0.090	2.10	1.73
PNR6012-4R0N	100KHz/0.3V	4.0	±30	0.105	1.80	1.57
PNR6012-4R7M	100KHz/0.3V	4.7	±20	0.110	1.50	1.40
PNR6012-6R8M	100KHz/0.3V	6.8	±20	0.165	1.30	1.18
PNR6012-100M	100KHz/0.3V	10	±20	0.235	1.00	1.00
PNR6012-150M	100KHz/0.3V	15	±20	0.330	0.80	0.79
PNR6012-220M	100KHz/0.3V	22	±20	0.530	0.76	0.63
PNR6012-330M	100KHz/0.3V	33	±20	0.700	0.59	0.53
PNR6012-470M	100KHz/0.3V	47	±20	1.050	0.52	0.46
PNR6012-680M	100KHz/0.3V	68	±20	1.350	0.44	0.41
PNR6012-101M	100KHz/0.3V	100	±20	2.180	0.35	0.32

- 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、 The Isat is the current at which the inductance decreases by 30% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever (Ta=20℃)