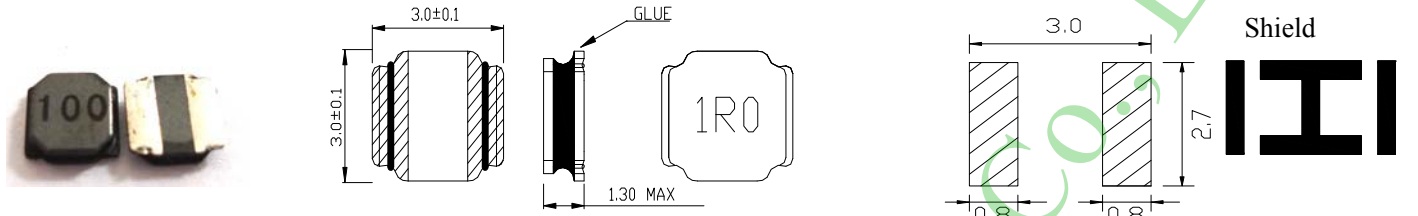


PNR3012-Series

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 4500pcs
- ★Small products, Quadrate 3.1mm 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)
PNR3012-1R0N	100KHz/0.3V	1.0	±30	0.050	1.50	1.49
PNR3012-1R5N	100KHz/0.3V	1.5	±30	0.060	1.36	1.40
PNR3012-2R2M	100KHz/0.3V	2.2	±20	0.080	1.10	1.20
PNR3012-3R3M	100KHz/0.3V	3.3	±20	0.100	0.91	1.05
PNR3012-4R7M	100KHz/0.3V	4.7	±20	0.130	0.77	0.98
PNR3012-6R8M	100KHz/0.3V	6.8	±20	0.190	0.67	0.74
PNR3012-100M	100KHz/0.3V	10	±20	0.290	0.54	0.63
PNR3012-150M	100KHz/0.3V	15	±20	0.450	0.44	0.49
PNR3012-220M	100KHz/0.3V	22	±20	0.630	0.38	0.42
PNR3012-330M	100KHz/0.3V	33	±20	1.030	0.31	0.33
PNR3012-470M	100KHz/0.3V	47	±20	1.450	0.25	0.28

- 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 I rms by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}\text{C}$, whichever ($T_a = 20^{\circ}\text{C}$)