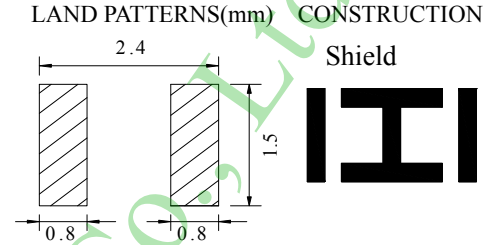
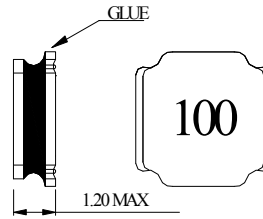
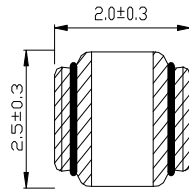


Inductance Range: 0.33μH~22μH
Temperature Range: -40℃~+125℃

PNR252012-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 5000pcs
- ★Small products, Quadrate 2.5mm 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) (Max)	Rated Current	
					Isat(A)	Irms(A)
PNR252012-R33N	100KHz/0.3V	0.33	±30%	30	4.00	3.33
PNR252012-R47N	100KHz/0.3V	0.47	±30%	60	3.82	2.15
PNR252012-R68N	100KHz/0.3V	0.68	±30%	68	3.28	1.96
PNR252012-1R0N	100KHz/0.3V	1.00	±30%	83	2.59	1.92
PNR252012-1R2N	100KHz/0.3V	1.20	±30%	119	2.40	1.46
PNR252012-1R5M	100KHz/0.3V	1.50	±30% 20%	132	2.25	1.40
PNR252012-2R2M	100KHz/0.3V	2.20	±30% 20%	198	1.85	1.15
PNR252012-2R7M	100KHz/0.3V	2.70	±30% 20%	216	1.75	1.10
PNR252012-3R3M	100KHz/0.3V	3.30	±30% 20%	240	1.61	1.04
PNR252012-3R6M	100KHz/0.3V	3.60	±30% 20%	318	1.45	0.90
PNR252012-4R3M	100KHz/0.3V	4.30	±30% 20%	348	1.35	0.85
PNR252012-4R7M	100KHz/0.3V	4.70	±30% 20%	348	1.18	0.84
PNR252012-5R1M	100KHz/0.3V	5.10	±30% 20%	462	1.15	0.75
PNR252012-5R6M	100KHz/0.3V	5.60	±30% 20%	486	1.13	0.73
PNR252012-6R2M	100KHz/0.3V	6.20	±30% 20%	498	1.03	0.72
PNR252012-6R8M	100KHz/0.3V	6.80	±30% 20%	534	1.00	0.69
PNR252012-7R5M	100KHz/0.3V	7.50	±30% 20%	564	0.95	0.67
PNR252012-8R2M	100KHz/0.3V	8.20	±30% 20%	606	1.00	0.64
PNR252012-9R1M	100KHz/0.3V	9.10	±30% 20%	642	0.90	0.62
PNR252012-100M	100KHz/0.3V	10.00	±30% 20%	642	0.70	0.62
PNR252012-120M	100KHz/0.3V	12.00	±30% 20%	990	0.78	0.51
PNR252012-150M	100KHz/0.3V	15.00	±30% 20%	1464	0.69	0.42
PNR252012-220M	100KHz/0.3V	22.00	±30% 20%	1824	0.54	0.38

- 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 $\Delta T \leq 40^{\circ}\text{C}$, whichever ($T_a=20^{\circ}\text{C}$)

P&Z Electronic (Dongguan) Co., Ltd