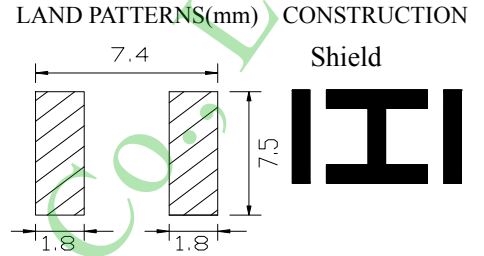
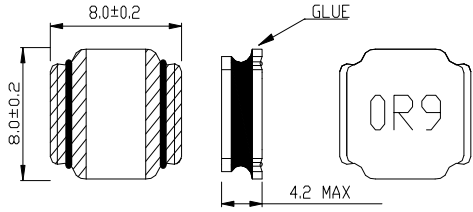


Inductance Range: 0.90μH~100μH
Temperature Range: -40℃~+125℃

PNR8040-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★Small products, Quadrate 8.2mm Max, Height 4.2mm 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) (±30%)	Rated Current	
					Isat(A)	Irms(A)
PNR8040-0R9N	100KHz/0.3V	0.9	±30	0.006	11.00	7.80
PNR8040-1R4N	100KHz/0.3V	1.4	±30	0.007	9.00	7.00
PNR8040-2R0N	100KHz/0.3V	2.0	±30	0.009	7.40	6.30
PNR8040-3R6N	100KHz/0.3V	3.6	±30	0.015	5.30	4.90
PNR8040-4R7N	100KHz/0.3V	4.7	±30	0.018	4.70	4.10
PNR8040-6R8N	100KHz/0.3V	6.8	±30	0.025	4.00	3.70
PNR8040-100M	100KHz/0.3V	10	±20	0.034	3.40	3.10
PNR8040-150M	100KHz/0.3V	15	±20	0.050	2.70	2.40
PNR8040-220M	100KHz/0.3V	22	±20	0.066	2.20	2.20
PNR8040-330M	100KHz/0.3V	33	±20	0.100	1.90	1.70
PNR8040-470M	100KHz/0.3V	47	±20	0.150	1.50	1.40
PNR8040-680M	100KHz/0.3V	68	±20	0.230	1.20	1.10
PNR8040-101M	100KHz/0.3V	100	±20	0.290	1.00	1.00

- 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℃)