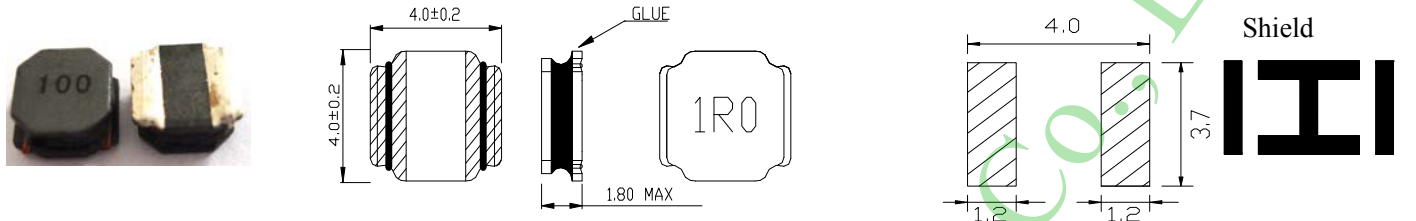


PNR4018-Series

Inductance Range: 1.0μH~220μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 3500pcs
- ★Small products, Quadrate 4.2mm Max, Height 1.8mm 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)
PNR4018-1R0N	100KHz/0.3V	1.0	±30	0.030	4.00	1.83
PNR4018-2R2M	100KHz/0.3V	2.2	±20	0.060	2.70	1.44
PNR4018-3R3M	100KHz/0.3V	3.3	±20	0.070	2.00	1.23
PNR4018-4R7M	100KHz/0.3V	4.7	±20	0.090	1.70	1.20
PNR4018-6R8M	100KHz/0.3V	6.8	±20	0.110	1.45	1.06
PNR4018-100M	100KHz/0.3V	10	±20	0.180	1.20	0.84
PNR4018-150M	100KHz/0.3V	15	±20	0.250	0.94	0.65
PNR4018-220M	100KHz/0.3V	22	±20	0.360	0.80	0.59
PNR4018-330M	100KHz/0.3V	33	±20	0.530	0.65	0.49
PNR4018-470M	100KHz/0.3V	47	±20	0.650	0.57	0.42
PNR4018-680M	100KHz/0.3V	68	±20	1.000	0.47	0.32
PNR4018-101M	100KHz/0.3V	100	±20	1.500	0.40	0.27
PNR4018-151M	100KHz/0.3V	150	±20	2.500	0.31	0.22
PNR4018-221M	100KHz/0.3V	220	±20	4.000	0.27	0.17

- 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℃)