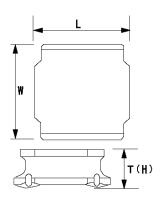
## **Spec Sheet**

# SMD Power Inductors (NR series)

## NR4018T1R0N



#### Features

- Item Summary
  1.0 μH(±30%), 4000mA, 1830mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 3500pcs

#### Products characteristics table

CaseSize (EIA/JIS)	-/4018
Inductance	1.0 $\mu$ H(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4000mA
Rated Current -Temperature Rise Current	1830mA
DC Resistance (max)	0.036Ω
Avg. of DC.Resistance	0.03Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	80MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

L	4mm ±0.2
W	4mm ±0.2
Н	1.8mm max

### Recommended Land Patterns





SMD Power Inductors (NR series/NR se	eries H	type/S	type /	V type
Type	A	В	С	
NR 4010, NRS4010,				1
NR 4012, NRS4012,	1.2	2.8	3.7	
NR 4018, NRS4018				
		u	nit: mm	

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