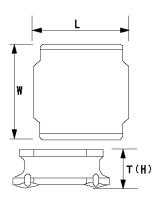
### **Spec Sheet**

# SMD Power Inductors (NR series S type)

## NRS5040T2R2NMGJ



#### Features

- Item Summary
  2.2 μH(±30%), 5000mA, 3700mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 1500pcs

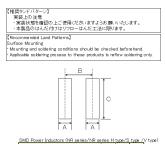
#### Products characteristics table

CaseSize (EIA/JIS)	-/5040
Inductance	2.2 µH(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	5000mA
Rated Current -Temperature Rise Current	3700mA
DC Resistance (max)	0.0286Ω
Avg. of DC.Resistance	0.022Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	42MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
Н	4.1mm max

#### Recommended Land Patterns



Type	A	В	С
NRS5010,			
NRS5012,			
NRS5014,			
NRS5020,	1.5	3.6	4
NRS5024,			
NRS5030,			
NR 5040. NRS5040			

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