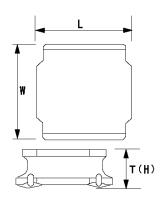
Spec Sheet

SMD Power Inductors (NR series S type)

NRS5020T1R0NMGJ



Features

- Item Summary
 1.0 μH(±30%), 4000mA, 3600mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 800pcs

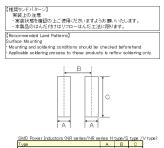
Products characteristics table

CaseSize (EIA/JIS)	-/5020
Inductance	1.0 µH(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4000mA
Rated Current -Temperature Rise Current	3600mA
DC Resistance (max)	0.0252Ω
Avg. of DC.Resistance	0.021Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	81MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
Н	2mm max

Recommended Land Patterns





2013.11.27

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.