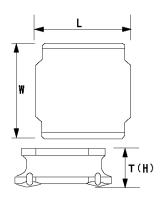
Spec Sheet

SMD Power Inductors (NR series S type)

NRS5014T3R3NMGG



Features

- Item Summary
 3.3 μH(±30%), 2350mA, 1700mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 1000pcs

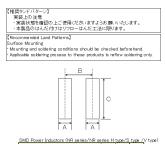
Products characteristics table

CaseSize (EIA/JIS)	-/5014
Inductance	3.3 µH(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2350mA
Rated Current -Temperature Rise Current	1700mA
DC Resistance (max)	0.096Ω
Avg. of DC.Resistance	0.08Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	48MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
Н	1.4mm max

Recommended Land Patterns



Type	A	В	0
NRS5010,			
NRS5012,			
NRS5014.			
NRS5020,	1.5	3.6	4
NRS5024,			
NRS5030,			
NR 5040, NRS5040			

2013.12.05

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.