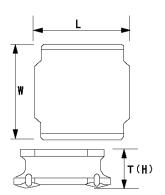
Spec Sheet

SMD Power Inductors (NR series S type)

NRS5014T100MMGG



Features

- Item Summary
 10 μ H(±20%), 1400mA, 1050mA
- Lifecycle Stage
 - Mass Production
- Standard packaging quantity (minimum)
 Taping 1000pcs

Products characteristics table

CaseSize (EIA/JIS)	-/5014
Inductance	10 μ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1400mA
Rated Current -Temperature Rise Current	1050mA
DC Resistance (max)	0.24Ω
Avg. of DC.Resistance	0.2Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	27MHz
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



SMD Power Inductors (NR series Type		4	В	C
NRS501 O.				
NRS5012,		1		
NRS5014,				l
NRS5020,	1	1.5	3.6	4
NRS5024,				
NRS5030,				
NR 5040, NRS5040				

2013.12.02

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.