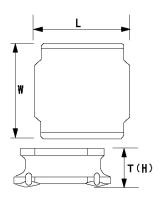
Spec Sheet

SMD Power Inductors for Industrial / Automotive Comfort and Safety Applications (NR series H type / V type / S type)

NRS5030T470MMGJV



Features

- Item Summary
 47 μH(±20%), 950mA, 700mA
- Lifecycle Stage
 - Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
 Taping 500pcs

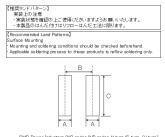
Products characteristics table

CaseSize (EIA/JIS)	-/5030
Inductance	47 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	950mA
Rated Current -Temperature Rise Current	700mA
DC Resistance (max)	0.4225Ω
Avg. of DC.Resistance	0.325Ω
Temperature Range	-40℃ to 125℃
Self-resonant Frequency (min)	9MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
н	3mm max

Recommended Land Patterns



Type	A	В	C	
NRS5010,				1
NRS5012,				
NRS5014,				l
NRS5020,	1.5	3.6	4	
NRS5024,				l
NRS5080,				
NR 5040. NRS5040				l

2014.03.06

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.