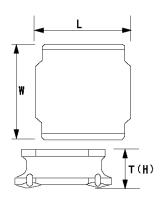
Spec Sheet

SMD Power Inductors (NR series S type) NRS4012T220MDGJ



Products characteristics table

CaseSize (EIA/JIS)	-/4012
Inductance	22 µ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	500mA
Rated Current -Temperature Rise Current	620mA
DC Resistance (max)	0.48Ω
Avg. of DC.Resistance	0.4Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	18MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

Features

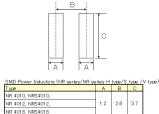
- Item Summary
 - 22μH(±20%), 500mA, 620mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping 4500pcs

External Dimensions

L	4mm ±0.2
W	4mm ±0.2
н	1.2mm max

Recommended Land Patterns





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. 2013.11.20

TAIYO YUDEN