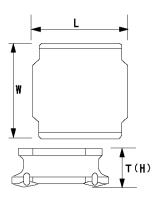
## **Spec Sheet**

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

# NRS5014T220MMGGV



#### Features

- Item Summary
  22 μH(±20%), 900mA, 550mA
- Lifecycle Stage
  - Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
  Taping 1000pcs

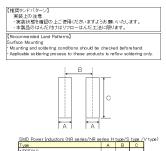
#### Products characteristics table

CaseSize (EIA/JIS)	-/5014
Inductance	22 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	900mA
Rated Current -Temperature Rise Current	550mA
DC Resistance (max)	0.54Ω
Avg. of DC.Resistance	0.45Ω
Temperature Range	-40℃ to 125℃
Self-resonant Frequency (min)	16MHz
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	С
NRS5010,			
NRS5012,			
NRS5014,			
NRS5020,	1.5	3.6	4
NRS5024,			
NRS5030,			
NR 5040. NRS5040			

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.