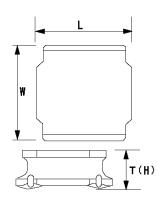
**Spec Sheet** 

# SMD Power Inductors (NR series S type) NRS5020T6R8MMGJ



### Products characteristics table

CaseSize (EIA/JIS)	-/5020
Inductance	6.8μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1600mA
Rated Current -Temperature Rise Current	1650mA
DC Resistance (max)	0.108Ω
Avg. of DC.Resistance	0.09Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	30MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

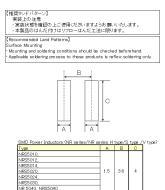
#### Features

- Item Summary
  - 6.8 μH(±20%), 1600mA, 1650mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
- Taping 800pcs

## External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
н	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. 2013.11.27

**TAIYO YUDEN**