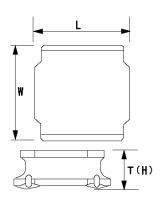
Spec Sheet

SMD Power Inductors (NR series S type)

NRS5012T1R5NMGF



Features

- Item Summary
 1.5 μH(±30%), 3800mA, 2200mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 1000pcs

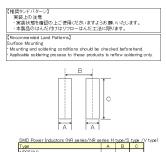
Products characteristics table

CaseSize (EIA/JIS)	-/5012
Inductance	1.5 μ H(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3800mA
Rated Current -Temperature Rise Current	2200mA
DC Resistance (max)	0.084Ω
Avg. of DC.Resistance	0.07Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	86MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
Н	1.2mm max

Recommended Land Patterns





2013.11.29

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.