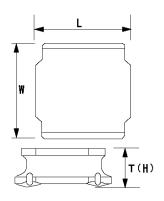
Spec Sheet

SMD Power Inductors (NR series H type) NRH3012T6R8MN



Products characteristics table

CaseSize (EIA/JIS)	-/3012
Inductance	6.8 µ H(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	850mA
Rated Current -Temperature Rise Current	890mA
DC Resistance (max)	0.228Ω
Avg. of DC.Resistance	0.19Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	43MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

Features

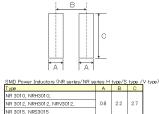
- Item Summary
 - 6.8μH(±20%), 850mA, 890mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
- Taping 2000pcs

External Dimensions

L	3mm ±0.1
W	3mm ±0.1
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. 2013.12.04

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