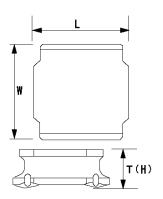
Spec Sheet

SMD Power Inductors (NR series)

NR6012T2R5NE



Features

- Item Summary
 2.5 μH(±30%), 2100mA, 1730mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 1000pcs

Products characteristics table

CaseSize (EIA/JIS)	-/6012
Inductance	2.5 µH(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2100mA
Rated Current -Temperature Rise Current	1730mA
DC Resistance (max)	0.108Ω
Avg. of DC.Resistance	0.09Ω
Temperature Range	-25℃ to 120℃
Self-resonant Frequency (min)	45MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	6mm ±0.2
W	6mm ±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.