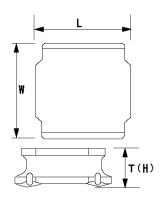
Spec Sheet

SMD Power Inductors (NR series) NR5040T150M



Products characteristics table

| CaseSize (EIA/JIS) | -/5040 |
|---|----------------|
| Inductance | 15μH(±20%) |
| Inductance Measuring Frequency | 100kHz |
| Rated Current -Saturation Current | 2000mA |
| Rated Current -Temperature Rise Current | 1800mA |
| DC Resistance (max) | 0.104Ω |
| Avg. of DC.Resistance | 0.08Ω |
| Temperature Range | -25°C to 120°C |
| Self-resonant Frequency (min) | 13MHz |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

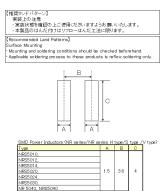
Features

- Item Summary
 - 15μH(±20%), 2000mA, 1800mA
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping 1500pcs

External Dimensions

| L | 4.9mm ±0.2 |
|---|------------|
| W | 4.9mm ±0.2 |
| н | 4mm 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. 2013.11.25

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