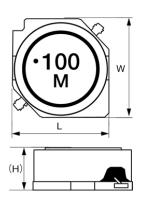
Spec Sheet

SMD Power Inductors (NS series)

NS10155T6R8NNA



Features

- Item Summary
 6.8 μH(±30%), 6A, 4.98A
- Lifecycle Stage

Mass Production

- Standard packaging quantity (minimum)

Taping 2000pcs(500pcs*4reel)

Products characteristics table

| CaseSize (EIA/JIS) | -/10155 |
|---|----------------|
| Inductance | 6.8 µH(±30%) |
| Inductance Measuring Frequency | 100kHz |
| Rated Current -Saturation Current | 6A |
| Rated Current -Temperature Rise Current | 4.98A |
| DC Resistance (max) | 0.0192Ω |
| Avg. of DC.Resistance | 0.016Ω |
| Temperature Range | -40°C to 125°C |
| Self-resonant Frequency (min) | 24.2MHz |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

External Dimensions

| L | 10.1mm ±0.3 |
|---|-------------|
| W | 10.1mm ±0.3 |
| Н | 5.5mm ±0.35 |

Recommended Land Patterns



2013.12.03