

SMD Power Inductors (NR series)

NR3010T100M



■ Features

- Item Summary
10 μ H($\pm 20\%$), 500mA, 510mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 2000pcs

■ Products characteristics table

| | |
|---|--------------------------|
| CaseSize (EIA/JIS) | ~/3010 |
| Inductance | 10 μ H($\pm 20\%$) |
| Inductance Measuring Frequency | 100kHz |
| Rated Current -Saturation Current | 500mA |
| Rated Current -Temperature Rise Current | 510mA |
| DC Resistance (max) | 0.54 Ω |
| Avg. of DC.Resistance | 0.45 Ω |
| Temperature Range | -25°C to 120°C |
| Self-resonant Frequency (min) | 35MHz |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

■ External Dimensions

| | |
|---|---------------|
| L | 3mm ± 0.1 |
| W | 3mm ± 0.1 |
| H | 1mm max |

■ Recommended Land Patterns

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| 【推奨ランドパターン】 実装上の注意 ・実装状態を確認の上ご使用くださいようお願いいたします。 ・本製品のはんだ付けはリフローはんだ工法に限りま。 |
| 【Recommended Land Patterns】 Surface Mounting ・Mounting and soldering conditions should be checked beforehand. ・Applicable soldering process to these products is reflow soldering only. |



| SMD Power Inductors (NR series/NR series H type/S type /V type) | | | |
|---|-----|-----|-----|
| Type | A | B | C |
| NR 3010, NRH3010, | | | |
| NR 3012, NRH3012, NRV3012, | 0.8 | 2.2 | 2.7 |
| NR 3015, NPS3015 | | | |

unit:mm