

SMD Power Inductors (NR series)

NR6045T3R0N



■ Features

- Item Summary
3.0uH±30%, 3.2A, 6.0x6.0x4.5mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 1500pcs

■ Products characteristics table

Inductance	3.0 uH ± 30 %
Case Size (mm)	6.0x6.0
Rated Current (max)	3.2 A
Saturation Current (max)	5 A
Temperature Rise Current (max)	3.2 A
DC Resistance (typ)	24 mΩ
DC Resistance (max)	31.2 mΩ
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	45 MHz
Operating Temp. Range	-25 to +120 °C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	6.0 ±0.2 mm
Dimension W	6.0 ±0.2 mm
Dimension H	Max 4.5 mm
Dimension e	1.35 ±0.2 mm

■ Recommended Land Patterns

【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ますようお願いいたします。
・本製品のはんだ付はリフローはんだ工法に限ります。

【Recommended Land Patterns】
Surface Mounting
・Mounting and soldering conditions should be checked beforehand.
・Applicable soldering process to these products is reflow soldering only.

