

## SMD Power Inductors (NR series)

## NR8040T4R7N



## ■ Features

- Item Summary  
4.7uH±30%, 4.1A, 8.0x8.0x4.2mm
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 1000pcs

## ■ Products characteristics table

Inductance	4.7 uH ± 30 %
Case Size (mm)	8.0x8.0
Rated Current (max)	4.1 A
Saturation Current (max)	4.7 A
Temperature Rise Current (max)	4.1 A
DC Resistance (typ)	18 mΩ
DC Resistance (max)	23.4 mΩ
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	30 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	8.0 ±0.2 mm
Dimension W	8.0 ±0.2 mm
Dimension H	Max 4.2 mm
Dimension e	1.6 ±0.3 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す。

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

