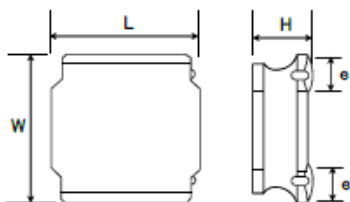


SMD Power Inductors (NR series)

NR3015T6R8M



■ Features

- Item Summary
6.8uH±20%, 0.87A, 3.0x3.0x1.5mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Inductance	6.8 uH ± 20 %
Case Size (mm)	3.0x3.0
Rated Current (max)	0.87 A
Saturation Current (max)	0.87 A
Temperature Rise Current (max)	0.88 A
DC Resistance (typ)	0.16 Ω
DC Resistance (max)	0.192 Ω
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	36 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	3.0 ±0.1 mm
Dimension W	3.0 ±0.1 mm
Dimension H	Max 1.5 mm
Dimension e	0.9 ±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.

