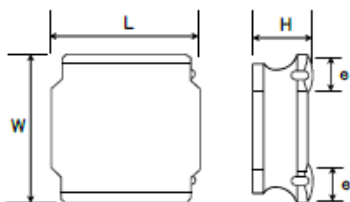


SMD Power Inductors (NR series)

NR8040T101M



■ Features

- Item Summary
100uH $\pm$ 20%, 1A, 8.0x8.0x4.0mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 1000pcs

■ Products characteristics table

Inductance	100 uH $\pm$ 20 %
Case Size (mm)	8.0x8.0
Rated Current (max)	1 A
Saturation Current (max)	1 A
Temperature Rise Current (max)	1 A
DC Resistance (typ)	0.29 Ω
DC Resistance (max)	0.377 Ω
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	6 MHz
Operating Temp. Range	-25 to +120 $^{\circ}$ C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	8.0 $\pm$ 0.2 mm
Dimension W	8.0 $\pm$ 0.2 mm
Dimension H	Max 4.0 mm
Dimension e	1.6 $\pm$ 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ます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.

