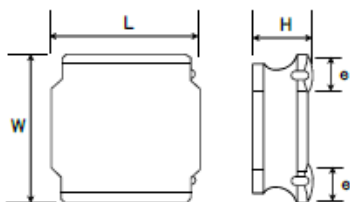


SMD Power Inductors (NR series)

NR3012T100M



■ Features

- Item Summary
10uH $\pm$ 20%, 0.54A, 3.0x3.0x1.2mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Inductance	10 uH $\pm$ 20 %
Case Size (mm)	3.0x3.0
Rated Current (max)	0.54 A
Saturation Current (max)	0.54 A
Temperature Rise Current (max)	0.63 A
DC Resistance (typ)	0.29 Ω
DC Resistance (max)	0.348 Ω
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	32 MHz
Operating Temp. Range	-25 to +120 $^{\circ}$ C (Including-self-generated heat)
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.0 $\pm$ 0.1 mm
Dimension W	3.0 $\pm$ 0.1 mm
Dimension H	Max 1.2 mm
Dimension e	0.9 $\pm$ 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.

