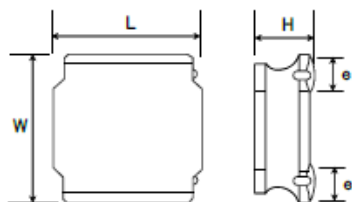


## SMD Power Inductors (NR series)

## NR3012T100M



## ■ Features

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

## ■ Products characteristics table

Inductance	10 uH ± 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 °C (Including-self-generated heat)
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	3.0 ±0.1 mm
Dimension W	3.0 ±0.1 mm
Dimension H	Max 1.2 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す。

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

