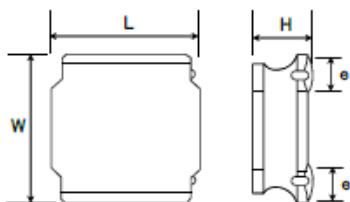


## SMD Power Inductors (NR series)

## NR4018T3R3M



## ■ Features

- Item Summary  
3.3uH $\pm$ 20%, 1.23A, 4.0x4.0x1.8mm
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 3500pcs

## ■ Products characteristics table

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Inductance                     | 3.3 uH $\pm$ 20 %                                 |
| Case Size (mm)                 | 4.0x4.0                                           |
| Rated Current (max)            | 1.23 A                                            |
| Saturation Current (max)       | 2 A                                               |
| Temperature Rise Current (max) | 1.23 A                                            |
| DC Resistance (typ)            | 70 m $\Omega$                                     |
| DC Resistance (max)            | 84 m $\Omega$                                     |
| LQ Measuring Frequency         | 100 kHz                                           |
| Self Resonant Frequency (min)  | 44 MHz                                            |
| Operating Temp. Range          | -25 to +120 °C<br>(Including-self-generated heat) |
| RoHS2 Compliance (10 subst.)   | Yes                                               |
| REACH Compliance (168 subst.)  | Yes                                               |
| Soldering                      | Reflow                                            |

## ■ External Dimensions

|             |                  |
|-------------|------------------|
| Dimension L | 4.0 $\pm$ 0.2 mm |
| Dimension W | 4.0 $\pm$ 0.2 mm |
| Dimension H | Max 1.8 mm       |
| Dimension e | 1.1 $\pm$ 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します。

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

