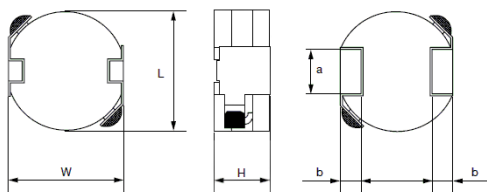


## SMD Power Inductors (NR series)[10050]

## NR10050T4R9N



## ■ Features

- Item Summary  
4.9uH±30%, 6A, 10.0x9.8x5.0mm
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 500pcs

## ■ Products characteristics table

Inductance	4.9 uH ± 30 %
Case Size (mm)	10.0x9.8
Rated Current (max)	6 A
Saturation Current (max)	6.6 A
Temperature Rise Current (max)	6 A
DC Resistance (max)	19.5 mΩ
DC Resistance (typ)	15 mΩ
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	23 MHz
Operating Temp. Range	-25 to +105 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 20 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	10.0 ±0.3 mm
Dimension W	9.8 ±0.5 mm
Dimension H	Max 5.0 mm
Dimension a	Typ 4.0 mm
Dimension b	Typ 1.75 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.

