

## SMD Power Inductors (NR series)

## NR8040T6R8N



## ■ Features

- Item Summary  
6.8  $\mu$ H( $\pm 30\%$ ), 4000mA, 3700mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	~/8040
Inductance	6.8 $\mu$ H( $\pm 30\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4000mA
Rated Current -Temperature Rise Current	3700mA
DC Resistance (max)	0.0325 $\Omega$
Avg. of DC.Resistance	0.025 $\Omega$
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	24MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	8mm $\pm 0.2$
W	8mm $\pm 0.2$
H	4.2mm max

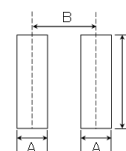
## ■ Recommended Land Patterns

## 【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.



SMD Power Inductors (NR series/NR series H type/S type /V type)

Type	A	B	C
NRS8030,	1.8	5.6	7.5
NR 8040, NRS8040			

unit:mm