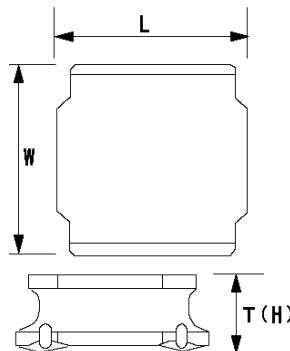


## SMD Power Inductors (NR series)

## NR5040T2R2N



## ■ Features

- Item Summary  
2.2  $\mu$ H( $\pm 30\%$ ), 4600mA, 3500mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1500pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	-/5050
Inductance	2.2 $\mu$ H( $\pm 30\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4600mA
Rated Current -Temperature Rise Current	3500mA
DC Resistance (max)	0.0286 $\Omega$
Avg. of DC.Resistance	0.022 $\Omega$
Self-resonant Frequency (min)	42MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

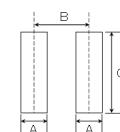
L	4.9mm $\pm 0.2$
W	4.9mm $\pm 0.2$
H	4.1mm max

## ■ Recommended Land Patterns

【推奨シルバーハーフターン】
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.



SMD Power Inductors (NR series/NR series H type/S type /V type)			
Type	A	B	C
NR5010			
NR5012			
NR5014			
NR5020			
NR5024			
NR5030			
NR5040, NR5040	1.5	3.6	4

unit:mm

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
Before making final selection, please check product specification.

2014.10.31