

## SMD Power Inductors (NR series)

## NR5040T3R3N



## ■ Features

- Item Summary  
3.3  $\mu$ H( $\pm$ 30%), 3800mA, 3300mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1500pcs

## ■ Products characteristics table

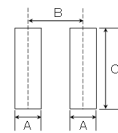
CaseSize (EIA/JIS)	-/5040
Inductance	3.3 $\mu$ H( $\pm$ 30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3800mA
Rated Current -Temperature Rise Current	3300mA
DC Resistance (max)	0.0351 $\Omega$
Avg. of DC Resistance	0.027 $\Omega$
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	32MHz
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

【推奨ランドパターン】 実装上の注意 ・実装状態を確認の上で使用ください。また、ご購入の際は、本製品のほんだ付けはフラットはんだ工法でお願いします。
【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
NRSS010			
NRSS012			
NRSS014			
NRSS020	1.5	3.6	4
NRSS024			
NRSS030			
NR 5040, NRSS040			

unit:mm

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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.