

## SMD Power Inductors (NR series)

## NR5040T6R8M



## ■ Features

- Item Summary  
6.8  $\mu$ H ( $\pm 20\%$ ), 2600mA, 2300mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1500pcs

## ■ Products characteristics table

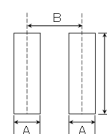
CaseSize (EIA/JIS)	~/5040
Inductance	6.8 $\mu$ H ( $\pm 20\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2600mA
Rated Current -Temperature Rise Current	2300mA
DC Resistance (max)	0.0637 $\Omega$
Avg. of DC.Resistance	0.049 $\Omega$
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	21MHz
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ご使用ください。また、ご購入の際は、本製品のハンダ付けはリフローハンダ工法に限り、適用します。	
【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
NR5010			
NR5012			
NR5014			
NR5020	1.5	3.6	4
NR5024			
NR5030			
NR 5040, NR5040			

unit:mm