

## SMD Power Inductors (NR series H type)

## NRH3010T6R8MN



## ■ Features

- Item Summary  
6.8  $\mu$ H ( $\pm 20\%$ ), 700mA, 745mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 2000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	~/3010
Inductance	6.8 $\mu$ H ( $\pm 20\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	700mA
Rated Current -Temperature Rise Current	745mA
DC Resistance (max)	0.3 $\Omega$
Avg. of DC Resistance	0.25 $\Omega$
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	44MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	3mm $\pm 0.1$
W	3mm $\pm 0.1$
H	1mm max

## ■ Recommended Land Patterns

<b>【推奨ランドパターン】</b> 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ま。
<b>【Recommended Land Patterns】</b> 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
NR 3010, NRH3010,	0.8	2.2	2.7
NR 3012, NRH3012, NRV3012,			
NR 3015, NPS3015			

unit:mm