

## SMD Power Inductors (NR series S type)

## NRS4012T4R7MDGJ



## ■ Features

- Item Summary  
4.7  $\mu\text{H}$ ( $\pm 20\%$ ), 1200mA, 1500mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 4500pcs

## ■ Products characteristics table

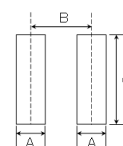
CaseSize (EIA/JIS)	~/4012
Inductance	4.7 $\mu\text{H}$ ( $\pm 20\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1200mA
Rated Current -Temperature Rise Current	1500mA
DC Resistance (max)	0.114 $\Omega$
Avg. of DC.Resistance	0.095 $\Omega$
Temperature Range	-25°C to 125°C
Self-resonant Frequency (min)	45MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	4mm $\pm 0.2$
W	4mm $\pm 0.2$
H	1.2mm 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 4010, NRS4010,			
NR 4012, NRS4012,	1.2	2.8	3.7
NR 4018, NRS4018			

unit:mm