

SMD Power Inductors (NR series S type)

NRS5014T1R2NMGG



■ Features

- Item Summary
1.2 μ H(\pm 30%), 3800mA, 2400mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1000pcs

■ Products characteristics table

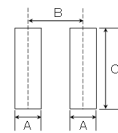
CaseSize (EIA/JIS)	-/5014
Inductance	1.2 μ H(\pm 30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3800mA
Rated Current -Temperature Rise Current	2400mA
DC Resistance (max)	0.054 Ω
Avg. of DC.Resistance	0.045 Ω
Temperature Range	-25°C to 125°C
Self-resonant Frequency (min)	86MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4.9mm \pm 0.2
W	4.9mm \pm 0.2
H	1.4mm 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にお願いします。
 【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
NRS5010			
NRS5012			
NRS5014			
NRS5020	1.5	3.6	4
NRS5024			
NRS5030			
NR 5040, NRS5040			

unit:mm