

SMD Power Inductors (NR series S type)

NRS5040T2R2NMGJ



■ Features

- Item Summary
2.2 μ H($\pm 30\%$), 5000mA, 3700mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1500pcs

■ Products characteristics table

CaseSize (EIA/JIS)	~/5040
Inductance	2.2 μ H($\pm 30\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	5000mA
Rated Current -Temperature Rise Current	3700mA
DC Resistance (max)	0.0286 Ω
Avg. of DC.Resistance	0.022 Ω
Temperature Range	-25°C to 125°C
Self-resonant Frequency (min)	42MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4.9mm ± 0.2
W	4.9mm ± 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、 本製品のほんたひ付けはリフローはんだ工法に準じます。	
【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
NRS010			
NRS012			
NRS014			
NRS020	1.5	3.6	4
NRS024			
NRS030			
NR 5040, NRS040			

unit:mm