

SMD Power Inductors (NR series S type)

NRS4012T6R8MDGJ



■ Features

- Item Summary
6.8 μ H ($\pm 20\%$), 900mA, 1300mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 4500pcs

■ Products characteristics table

CaseSize (EIA/JIS)	~/4012
Inductance	6.8 μ H ($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	900mA
Rated Current -Temperature Rise Current	1300mA
DC Resistance (max)	0.15 Ω
Avg. of DC Resistance	0.125 Ω
Temperature Range	-25°C to 125°C
Self-resonant Frequency (min)	35MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4mm ± 0.2
W	4mm ± 0.2
H	1.2mm 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。
【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
NR 4010, NRS4010,			
NR 4012, NRS4012,	1.2	2.8	3.7
NR 4018, NRS4018			

unit:mm