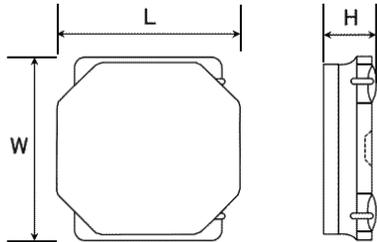


Spec Sheet

SMD Power Inductors for Automotive / Industrial Applications (NR series H type / V type / S type)

NRS5020T100MMGJV



■ Features

- Item Summary
10 μ H($\pm 20\%$), 1300mA, 1450mA
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping 800pcs

■ Products characteristics table

CaseSize (EIA/JIS)	-/5050
Inductance	10 μ H($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1300mA
Rated Current -Temperature Rise Current	1450mA
DC Resistance (max)	0.144 Ω
Avg. of DC.Resistance	0.12 Ω
Self-resonant Frequency (min)	24MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

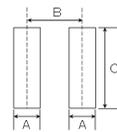
■ External Dimensions

L	4.9mm ± 0.2
W	4.9mm ± 0.2
H	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で使用ください。実装前にお買い上げの製品を確認してください。
 ・本製品のほんだ付けはフラットハンダ工法で行われます。

【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

2015.03.06

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
 Before making final selection, please check product specification.