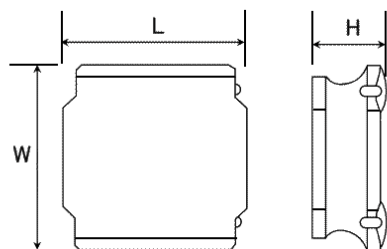


SMD Power Inductors (NR series S type)

NRS4010T2R2MDGG



■ Features

- Item Summary
2.2 μ H($\pm 20\%$), 1200mA, 1500mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 5000pcs

■ Products characteristics table

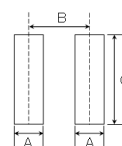
Inductance	2.2 μ H($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1200mA
Rated Current -Temperature Rise Current	1500mA
DC Resistance (max)	0.102 Ω
Avg. of DC.Resistance	0.085 Ω
Temperature Range	-25 to +125 $^{\circ}$ C
Self-resonant Frequency (min)	73MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

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

unit:mm

2015.06.18

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.

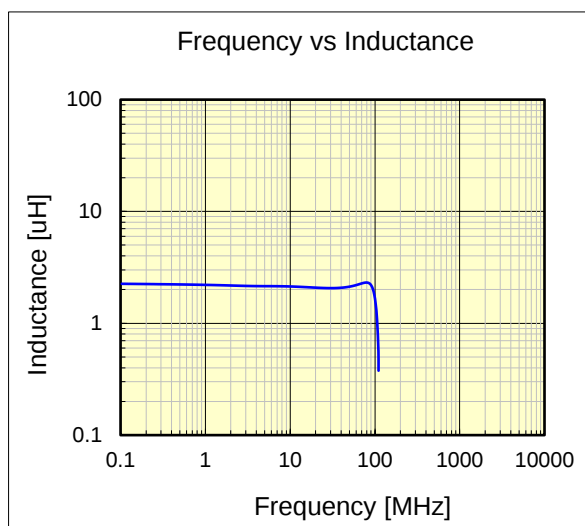
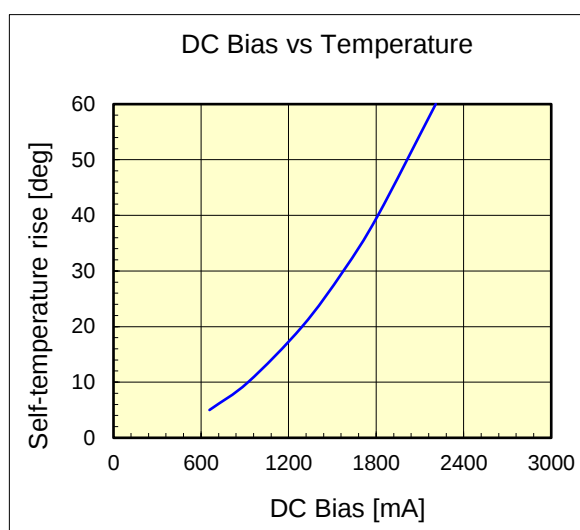
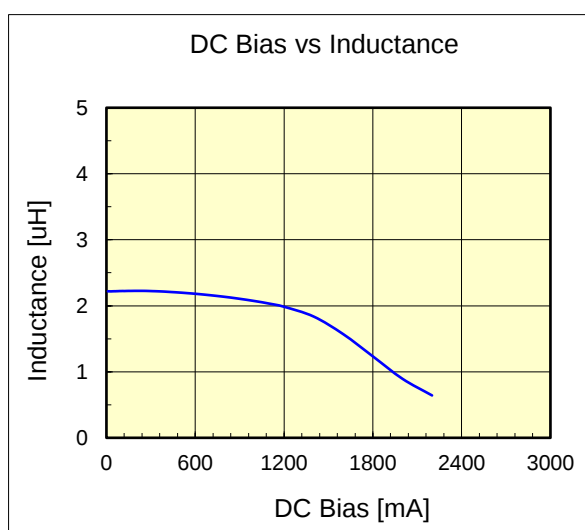
SMD Power Inductors (NR series S type)

NRS4010T2R2MDGG



Dimension	unit : mm	unit : inch
Length :	4.0 + / - 0.2	(0.157 + / - 0.008)
Width :	4.0 + / - 0.2	(0.157 + / - 0.008)
Height :	1.0 max.	(0.039 max.)

Inductance :	2.2	μ H (test freq at 0.1MHz)
DC Resistance :	0.085 / 0.102	ohm (typ / max)
Saturation Current :	1,200	mA (max)
Temp. rise Current :	1,500	mA (max)
Saturation current typical : 30% reduction from initial L value.		
Temp rise Current typical : Temperature will rise by 40 deg C		



The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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