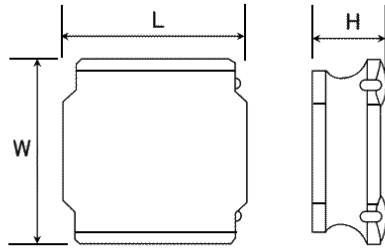


SMD Power Inductors (NR series S type)

NRS4018T151MDGJ



■ Features

- Item Summary
150 μ H(\pm 20%), 340mA, 220mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 3500pcs

■ Products characteristics table

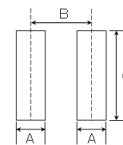
CaseSize (EIA/JIS)	-/4040
Inductance	150 μ H(\pm 20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	340mA
Rated Current -Temperature Rise Current	220mA
DC Resistance (max)	2.76 Ω
Avg. of DC.Resistance	2.3 Ω
Self-resonant Frequency (min)	5.5MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4mm \pm 0.2
W	4mm \pm 0.2
H	1.8mm 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、
 ・本製品のはんだ付けはリフローはんだ工法に限り、
 ・本製品は、
 【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 401 0, NRS401 0,			
NR 401 2, NRS401 2,	1.2	2.8	3.7
NR 401 8, NRS401 8			

unit:mm

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.

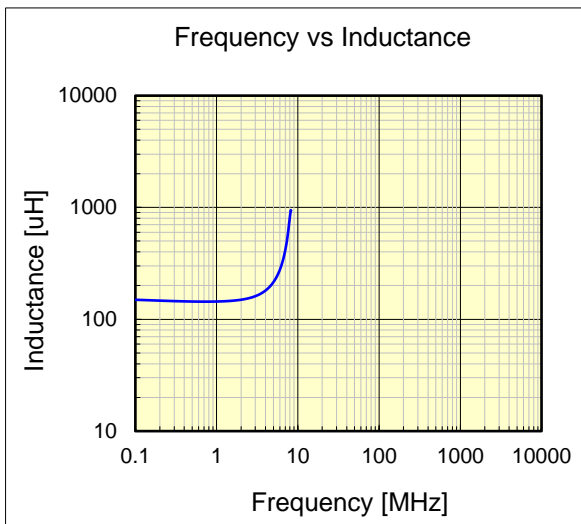
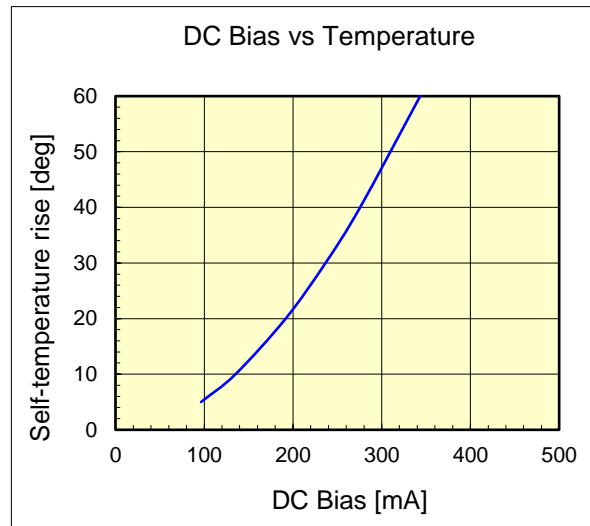
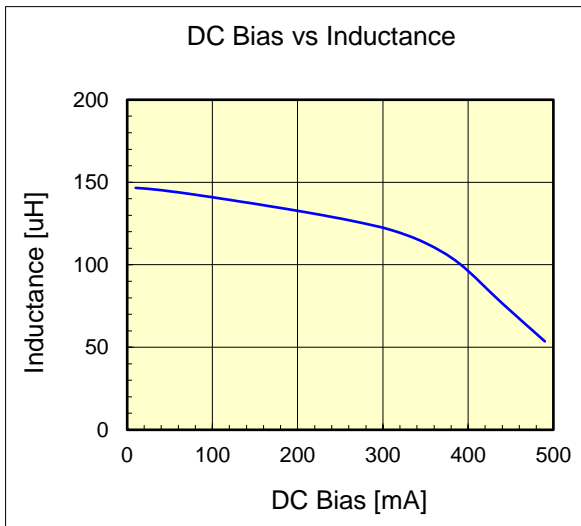
SMD Power Inductors (NR series S type)

NRS4018T151MDGJ



Dimension	unit : mm	unit : inch
Length :	4.0 +/- 0.2	(0.157 +/- 0.008)
Width :	4.0 +/- 0.2	(0.157 +/- 0.008)
Height :	1.8 max.	(0.071 max.)

Inductance :	150	uH	(test freq at 0.1MHz)
DC Resistance :	2.3 / 2.76	ohm	(typ / max)
Saturation Current :	340	mA	(max)
Temp. rise Current :	220	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. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.