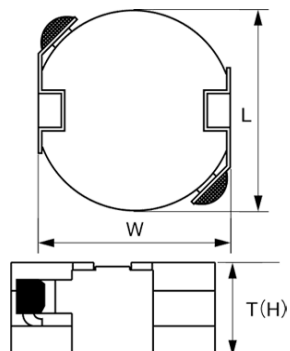


SMD Power Inductors

NR10050T6R5N



■ Features

- Item Summary
6.5 μ H(\pm 30%), 6000mA, 5200mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 500pcs

■ Products characteristics table

CaseSize (EIA/JIS)	-/100100
Inductance	6.5 μ H(\pm 30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	6000mA
Rated Current -Temperature Rise Current	5200mA
DC Resistance (max)	0.0234 Ω
Avg. of DC.Resistance	0.018 Ω
Self-resonant Frequency (min)	19MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

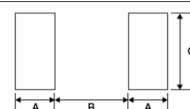
■ External Dimensions

L	10mm \pm 0.3
W	9.8mm \pm 0.5
H	5mm 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。よろしくお願いたします。
・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			
Type	A	B	C
NR10050	2.6	5.4	4.5

unit:mm

2015.01.16

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.