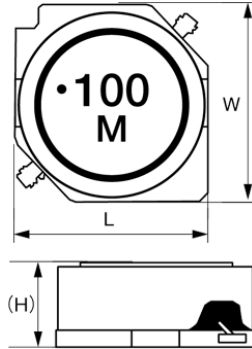


SMD Power Inductors (NS series)

NS12565T2R0NN



■ Features

- Item Summary
2.0 μ H (\pm 30%), 13.91A, 7.6A
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 2000pcs(500pcs*4reel)

■ Products characteristics table

CaseSize (EIA/JIS)	-/12565
Inductance	2.0 μ H (\pm 30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	13.91A
Rated Current -Temperature Rise Current	7.6A
DC Resistance (max)	0.0096 Ω
Avg. of DC.Resistance	0.008 Ω
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	82.3MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

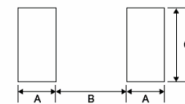
■ External Dimensions

L	12.5mm \pm 0.3
W	12.5mm \pm 0.3
H	6.5mm \pm 0.35

■ 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、本製品のハンダ付けはリフローハンダ工法にのみ対応しております。

【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 (NS series)			
Type	A	B	C
NS 10145	2.5	5.6	3.2
NS 10155	2.5	5.6	3.2
NS 10165	2.5	5.6	3.2
NS 12555	2.5	8.6	3.2
NS 12565	2.5	8.6	3.2
NS 12575	2.5	8.6	3.2

unit:mm