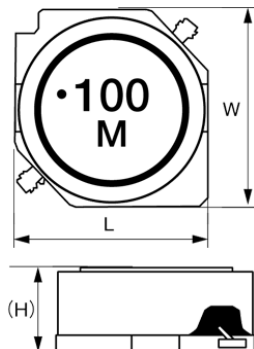


NS12565T101MNV



Features

- Item Summary
100 μ H($\pm 20\%$), 2.23A, 1.81A
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping 2000pcs(500pcs*4reel)

Products characteristics table

CaseSize (EIA/JIS)	~/12565
Inductance	100 μ H($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2.23A
Rated Current -Temperature Rise Current	1.81A
DC Resistance (max)	0.1476 Ω
Avg. of DC.Resistance	0.123 Ω
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	5.5MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	12.5mm ± 0.3
W	12.5mm ± 0.3
H	6.5mm ± 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、お買い上げの際は、
・本製品は、はんだ付けはリフローはんだ付けにのみ対応します。

【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