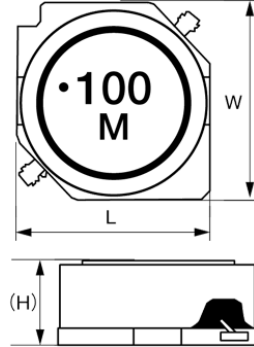


NS12575T101MNV



■ Features

- Item Summary
100 μH(±20%), 2.64A, 2.01A
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping 2000pcs(500pcs*4reel)

■ Products characteristics table

CaseSize (EIA/JIS)	-/12575
Inductance	100 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2.64A
Rated Current -Temperature Rise Current	2.01A
DC Resistance (max)	0.132Ω
Avg. of DC.Resistance	0.11 Ω
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	3.9MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	12.5mm ±0.3
W	12.5mm ±0.3
H	7.5mm ±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、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のみ対応しています。

【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