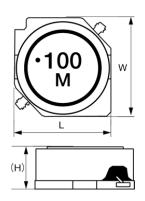
Spec Sheet

SMD Power Inductors (NS series) NS12575T102MN



Products characteristics table

CaseSize (EIA/JIS)	-/12575	
Inductance	1000 µ H(±20%)	
Inductance Measuring Frequency	100kHz	
Rated Current -Saturation Current	0.8A	
Rated Current -Temperature Rise Current	0.68A	
DC Resistance (max)	1.1124Ω	
Avg. of DC.Resistance	0.927Ω	
Temperature Range	-40℃ to 125℃	
Self-resonant Frequency (min)	1.4MHz	
RoHS Compliance	Yes	
Halogen Free	Yes	
Soldering Method	Reflow	

Features

- Item Summary
 - 1000 µ H(±20%), 0.8A, 0.68A
- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
- Taping 2000pcs(500pcs*4reel)

External Dimensions

L	12.5mm ±0.3
W	12.5mm ±0.3
н	7.5mm ±0.35

Recommended Land Patterns

【推奨ランドパターン】 実装上の注意 ・実装状能を確認の上ご使用くださいますようお願いいたします。 ・本製品のはんだ付けはリフローはんだ工法に限ります。						
[Recommended Land Patterns] Surface Mounting • Mounting and solidering conditions should be checked beforehand. • Applicable soldering process to these products is reflow soldering only						
] I ■ B	A	¢ ¢			
SMD Power Inductors (NS series)						
Type	A	В	С			
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	1		

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. 2013.11.15

TAIYO YUDEN