

## SMD Power Inductors (NS series)

## NS12575T2R7NN



## ■ Features

- Item Summary  
2.7  $\mu$ H( $\pm 30\%$ ), 13.91A, 7.69A
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 2000pcs(500pcs\*4reel)

## ■ Products characteristics table

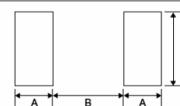
CaseSize (EIA/JIS)	~/12575
Inductance	2.7 $\mu$ H( $\pm 30\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	13.91A
Rated Current -Temperature Rise Current	7.69A
DC Resistance (max)	0.0102 $\Omega$
Avg. of DC.Resistance	0.0085 $\Omega$
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	55.9MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	12.5mm $\pm 0.3$
W	12.5mm $\pm 0.3$
H	7.5mm $\pm 0.35$

## ■ 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、お買い上げの際は、 ・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.	



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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