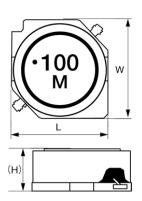
Spec Sheet

SMD Power Inductors (NS series)

NS12565T220MN



Features

- Item Summary 22 μH(±20%), 4.87A, 3.91A
- Lifecycle Stage

Mass Production

- Standard packaging quantity (minimum)

Taping 2000pcs(500pcs*4reel)

Products characteristics table

CaseSize (EIA/JIS)	-/12565
Inductance	22 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4.87A
Rated Current -Temperature Rise Current	3.91A
DC Resistance (max)	0.0372Ω
Avg. of DC.Resistance	0.031Ω
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	12.5MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	12.5mm ±0.3
W	12.5mm ±0.3
Н	6.5mm ±0.35

Recommended Land Patterns



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
			unit: mm

2013.11.15

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.