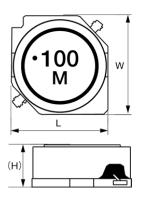
Spec Sheet

SMD Power Inductors (NS series)

NS10145T2R2NNA



Features

- Item Summary
 2.2 μH(±30%), 8.91A, 6.64A
- Lifecycle Stage

Mass Production

- Standard packaging quantity (minimum)

Taping 2000pcs(500pcs*4reel)

Products characteristics table

CaseSize (EIA/JIS)	-/10145
Inductance	2.2 µH(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	8.91A
Rated Current -Temperature Rise Current	6.64A
DC Resistance (max)	0.01 Ω
Avg. of DC.Resistance	0.0085Ω
Temperature Range	-40℃ to 125℃
Self-resonant Frequency (min)	43.9MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	10.1mm ±0.3
W	10.1mm ±0.3
Н	4.5mm ±0.35

Recommended Land Patterns



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

2013.12.03

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.