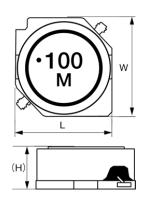
Spec Sheet

SMD Power Inductors (NS series) NS12555T470MN



Products characteristics table

CaseSize (EIA/JIS)	-/12555
Inductance	47 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2.23A
Rated Current -Temperature Rise Current	2.7A
DC Resistance (max)	0.06612Ω
Avg. of DC.Resistance	0.0551Ω
Temperature Range	-40℃ to 125℃
Self-resonant Frequency (min)	9.3MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

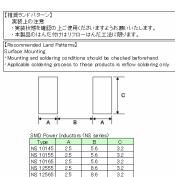
Features

- Item Summary
- 47 μH(±20%), 2.23A, 2.7A
- 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	5.5mm ±0.35

Recommended Land Patterns



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