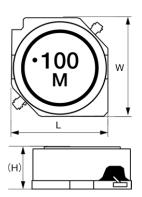
## **Spec Sheet**

# SMD Power Inductors (NS series)

## NS12575T470MN



#### Features

- Item Summary
  47 μ H(±20%), 3.76A, 2.95A
- Lifecycle Stage

Mass Production

- Standard packaging quantity (minimum)

Taping 2000pcs(500pcs\*4reel)

#### Products characteristics table

CaseSize (EIA/JIS)	-/12575
Inductance	47 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3.76A
Rated Current -Temperature Rise Current	2.95A
DC Resistance (max)	0.0618Ω
Avg. of DC.Resistance	0.0515Ω
Temperature Range	-40℃ to 125℃
Self-resonant Frequency (min)	6.5MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

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

### Recommended Land Patterns



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