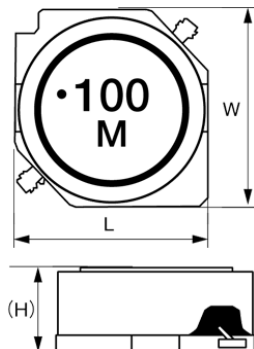


SMD Power Inductors (NS series)

NS12555T101MN



■ Features

- Item Summary
100 μ H($\pm 20\%$), 1.53A, 1.86A
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 2000pcs(500pcs*4reel)

■ Products characteristics table

CaseSize (EIA/JIS)	~/12555
Inductance	100 μ H($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1.53A
Rated Current -Temperature Rise Current	1.86A
DC Resistance (max)	0.1404 Ω
Avg. of DC.Resistance	0.117 Ω
Temperature Range	-40°C to 125°C
Self-resonant Frequency (min)	6.7MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	12.5mm ± 0.3
W	12.5mm ± 0.3
H	5.5mm ± 0.35

2013.01.25

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.