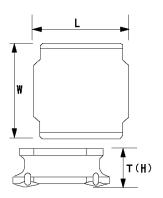
Spec Sheet

SMD Power Inductors (NR series S type)

NRS5012T1R0NMGF



Features

- Item Summary
 1.0 μH(±30%), 4500mA, 2300mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 1000pcs

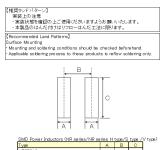
Products characteristics table

CaseSize (EIA/JIS)	-/5012
Inductance	1.0 μ H(±30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4500mA
Rated Current -Temperature Rise Current	2300mA
DC Resistance (max)	0.0636Ω
Avg. of DC.Resistance	0.053Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	100MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

External Dimensions

L	4.9mm ±0.2
W	4.9mm ±0.2
Н	1.2mm max

Recommended Land Patterns





2013.11.29