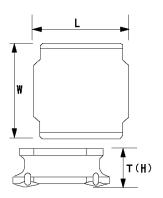
## **Spec Sheet**

# SMD Power Inductors (NR series S type)

# NRS4012T100MDGJ



#### Features

- Item Summary
  10 μ H(±20%), 800mA, 1100mA
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping 4500pcs

#### Products characteristics table

CaseSize (EIA/JIS)	-/4012
Inductance	10 μH(±20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	800mA
Rated Current -Temperature Rise Current	1100mA
DC Resistance (max)	0.204Ω
Avg. of DC.Resistance	0.17Ω
Temperature Range	-25℃ to 125℃
Self-resonant Frequency (min)	30MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

#### External Dimensions

L	4mm ±0.2
W	4mm ±0.2
Н	1.2mm max

### Recommended Land Patterns





SMD Power Inductors (NR series/NR series H type/S type /V type)					
Type	A	В	С		
NR 4010, NRS4010,					
NR 4012, NRS4012,	1.2	2.8	3.7		
NR 4018, NRS4018					
unit: mm					

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