

SMD Power Inductors (NR series S type)

NRS5012T100MMGF



■ Features

- Item Summary
10 μ H(\pm 20%), 1400mA, 850mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	-/5012
Inductance	10 μ H(\pm 20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	1400mA
Rated Current -Temperature Rise Current	850mA
DC Resistance (max)	0.504 Ω
Avg. of DC.Resistance	0.42 Ω
Temperature Range	-25 $^{\circ}$ C to 125 $^{\circ}$ C
Self-resonant Frequency (min)	26MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4.9mm \pm 0.2
W	4.9mm \pm 0.2
H	1.2mm max

2013.02.24

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.