

SMD Power Inductors (NR series)

NR8040T3R6N



■ Features

- Item Summary
3.6 μ H ($\pm 30\%$), 5300mA, 4900mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	~/8040
Inductance	3.6 μ H ($\pm 30\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	5300mA
Rated Current -Temperature Rise Current	4900mA
DC Resistance (max)	0.0195 Ω
Avg. of DC.Resistance	0.015 Ω
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	34MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	8mm ± 0.2
W	8mm ± 0.2
H	4.2mm max

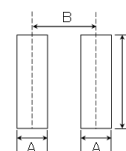
■ Recommended Land Patterns

【推奨ランドパターン】

- 実装上の注意
- ・実装状態を確認の上ご使用くださいようお願いいたします。
 - ・本製品のはんだ付けはリフローはんだ工法に限りします。

【Recommended Land Patterns】

- Surface Mounting
- ・Mounting and soldering conditions should be checked beforehand.
 - ・Applicable soldering process to these products is reflow soldering only.



SMD Power Inductors (NR series/NR series H type/S type /V type)

Type	A	B	C
NRS8030,	1.8	5.6	7.5
NR 8040, NRS8040			

unit:mm