

SMD Power Inductors (NR series)

NR6045T4R5M



■ Features

- Item Summary
4.5 μ H ($\pm 20\%$), 4000mA, 3000mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1500pcs

■ Products characteristics table

CaseSize (EIA/JIS)	~/6045
Inductance	4.5 μ H ($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	4000mA
Rated Current -Temperature Rise Current	3000mA
DC Resistance (max)	0.0403 Ω
Avg. of DC Resistance	0.031 Ω
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	25MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	6mm ± 0.2
W	6mm ± 0.2
H	4.5mm 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
NRS501.0, NR 601.2, NRS501.2, NRS501.4, NR 6020, NRS5020, NR 6025, NRS5025, NR 6045, NRS5045	1.6	4.7	5.7

unit: mm