

SMD Power Inductors (NR series)

NR5040T100M



■ Features

- Item Summary
10 μ H($\pm 20\%$), 2300mA, 2100mA
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 1500pcs

■ Products characteristics table

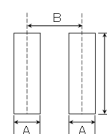
CaseSize (EIA/JIS)	~/5040
Inductance	10 μ H($\pm 20\%$)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	2300mA
Rated Current -Temperature Rise Current	2100mA
DC Resistance (max)	0.0728 Ω
Avg. of DC.Resistance	0.056 Ω
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	18MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	4.9mm ± 0.2
W	4.9mm ± 0.2
H	4.1mm 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。また、ご購入の際は、本製品のハンダ付けはリフローハンダ工法に限り、適用します。	
【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
NR5010,	1.5	3.6	4
NR5012,			
NR5014,			
NR5020,			
NR5024,			
NR5030,	2.0	4.5	5.0
NR 5040, NR5040			

unit:mm