

## SMD Power Inductors (NR series)

## NR8040T100M



## ■ Features

- Item Summary  
10  $\mu$ H ( $\pm 20\%$ ), 3400mA, 3100mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1000pcs

## ■ Products characteristics table

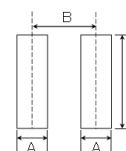
CaseSize (EIA/JIS)	~/8040
Inductance	10 $\mu$ H ( $\pm 20\%$ )
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3400mA
Rated Current -Temperature Rise Current	3100mA
DC Resistance (max)	0.0442 $\Omega$
Avg. of DC.Resistance	0.034 $\Omega$
Temperature Range	-25°C to 120°C
Self-resonant Frequency (min)	22MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	8mm $\pm 0.2$
W	8mm $\pm 0.2$
H	4mm 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、本製品はリフローはんだ工法に限りません。	
【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