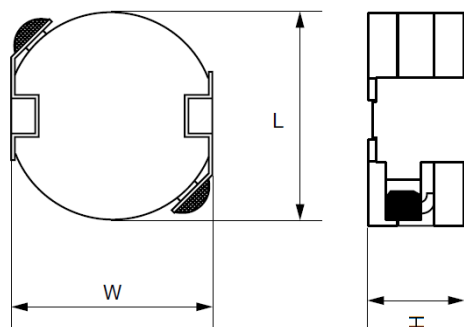


SMD Power Inductors (NR series)[10050]

NR10050T100M



■ Features

- Item Summary
10uH $\pm$ 20%, 4.1A, 10.0x9.8x5.0mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 500pcs

■ Products characteristics table

Inductance	10 uH $\pm$ 20 %
Case Size (mm)	10.0x9.8
Rated Current (max)	4.1 A
Saturation Current (max)	4.7 A
Temperature Rise Current (max)	4.1 A
DC Resistance (typ)	25 m Ω
DC Resistance (max)	32.5 m Ω
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	15 MHz
Operating Temp. Range	-25 to +105 °C (Including-self-generated heat)
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	10.0 $\pm$ 0.3 mm
Dimension W	9.8 $\pm$ 0.5 mm
Dimension H	Max 5.0 mm

■ 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す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.

