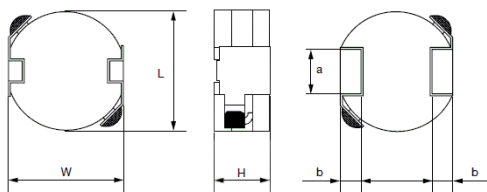


SMD Power Inductors (NR series)[10050]

NR10050T1R3N



■ Features

- Item Summary
1.3uH±30%, 9A, 10.0x9.8x5.0mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 500pcs

■ Products characteristics table

Inductance	1.3 uH ± 30 %
Case Size (mm)	10.0x9.8
Rated Current (max)	9 A
Saturation Current (max)	11 A
Temperature Rise Current (max)	9 A
DC Resistance (max)	8.84 mΩ
DC Resistance (typ)	6.8 mΩ
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	53 MHz
Operating Temp. Range	-25 to +105 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 20 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	10.0 ±0.3 mm
Dimension W	9.8 ±0.5 mm
Dimension H	Max 5.0 mm
Dimension a	Typ 4.0 mm
Dimension b	Typ 1.75 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.

