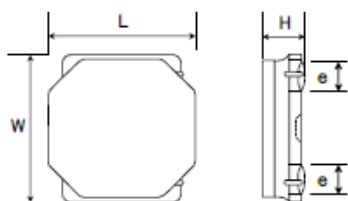


SMD Power Inductors (NR series)

NR6045T100M



■ Features

- Item Summary
10uH $\pm$ 20%, 2.5A, 6.0x6.0x4.5mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 1500pcs

■ Products characteristics table

Inductance	10 uH $\pm$ 20 %
Case Size (mm)	6.0x6.0
Rated Current (max)	2.5 A
Saturation Current (max)	3 A
Temperature Rise Current (max)	2.5 A
DC Resistance (typ)	47 m Ω
DC Resistance (max)	61.1 m Ω
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	12 MHz
Operating Temp. Range	-25 to +120 °C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	6.0 $\pm$ 0.2 mm
Dimension W	6.0 $\pm$ 0.2 mm
Dimension H	Max 4.5 mm
Dimension e	1.35 $\pm$ 0.2 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.

