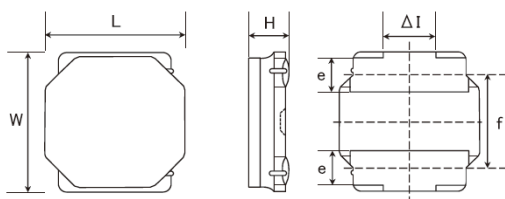


## SMD Power Inductors (NR series)

## NR6028T470M



## ■ Features

- Item Summary  
47 $\mu$ H $\pm$ 20%, 0.92A, 6.0x6.0x2.8mm
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	47 $\mu$ H $\pm$ 20 %
Case Size (mm)	6.0x6.0
Rated Current (max)	0.92 A
Saturation Current (max)	0.95 A
Temperature Rise Current (max)	0.92 A
DC Resistance (typ)	0.3 $\Omega$
DC Resistance (max)	0.39 $\Omega$
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	8 MHz
Operating Temp. Range	-25 to +120 $^{\circ}$ 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 2.8 mm
Dimension e	1.35 $\pm$ 0.2 mm
Dimension f	4.0 $\pm$ 0.2 mm
Dimension $\Delta$ I	Typ 2.3 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.

