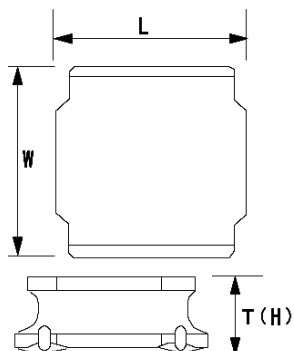


## SMD Power Inductors (NR series)

## NR6045T1R8N



## ■ Features

- Item Summary  
1.8  $\mu$ H( $\pm$ 30%), 7000mA, 3700mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1500pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	-/6045
Inductance	1.8 $\mu$ H( $\pm$ 30%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	7000mA
Rated Current -Temperature Rise Current	3700mA
DC Resistance (max)	0.0234 $\Omega$
Avg. of DC.Resistance	0.018 $\Omega$
Temperature Range	-25 $^{\circ}$ C to 120 $^{\circ}$ C
Self-resonant Frequency (min)	80MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	6mm $\pm$ 0.2
W	6mm $\pm$ 0.2
H	4.5mm max

2013.02.24

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.