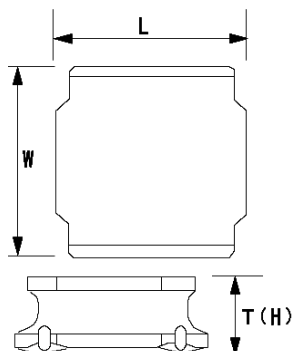


## SMD Power Inductors (NR series)

## NR8040T100M



## ■ Features

- Item Summary  
10  $\mu$ H( $\pm$ 20%), 3400mA, 3100mA
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 1000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	-/8040
Inductance	10 $\mu$ H( $\pm$ 20%)
Inductance Measuring Frequency	100kHz
Rated Current -Saturation Current	3400mA
Rated Current -Temperature Rise Current	3100mA
DC Resistance (max)	0.0442 $\Omega$
Avg. of DC.Resistance	0.034 $\Omega$
Temperature Range	-25 $^{\circ}$ C to 120 $^{\circ}$ C
Self-resonant Frequency (min)	22MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	8mm $\pm$ 0.2
W	8mm $\pm$ 0.2
H	4mm max

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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.