

## Wire-wound Chip Power Inductors (BR series)

BRL2012T470M



## ■ Features

- Item Summary  
47  $\mu$ H( $\pm 20\%$ ), 125mA, 160mA, 0805
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Inductance	47 $\mu$ H( $\pm 20\%$ )
Inductance Measuring Frequency	2.52MHz
Rated Current -Saturation Current	125mA
Rated Current -Temperature Rise Current	160mA
DC Resistance (max)	4.55 $\Omega$
Avg. of DC.Resistance	3.5 $\Omega$
Temperature Range	-40°C to 105°C
Self-resonant Frequency (min)	7MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	2mm $\pm 0.2$
W	1.25mm $\pm 0.2$
H	1mm 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.