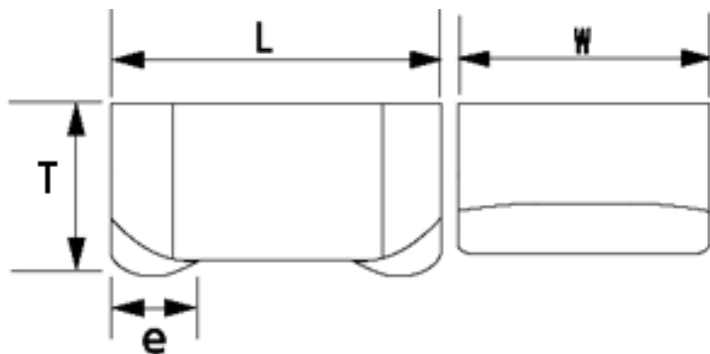


## Wire-wound Chip Power Inductors (BR series)

## BRC1608TR45M



## ■ Features

- Item Summary  
0.45  $\mu$ H( $\pm$ 20%), 0603
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	0603/1608
Inductance	0.45 $\mu$ H( $\pm$ 20%)
Inductance Measuring Frequency	7.96MHz
Rated Current -Saturation Current	1250mA
Rated Current -Temperature Rise Current	800mA
DC Resistance (max)	0.117 $\Omega$
DC Resistance (typ)	0.09 $\Omega$
Temperature Range	-40 to +105 $^{\circ}$ C
Self-resonant Frequency (min)	200MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

L	1.6mm $\pm$ 0.2
W	0.8mm $\pm$ 0.2
T	0.8mm $\pm$ 0.2
e	0.45mm $\pm$ 0.15

2015.11.02

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.