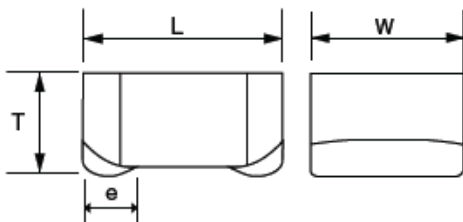


## Wire-wound Chip Power Inductors (BR series)

BRL1608T100M



## ■ Features

- Item Summary  
10uH $\pm$ 20%, 0.17A, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

|                                |                                                             |
|--------------------------------|-------------------------------------------------------------|
| Inductance                     | 10 uH $\pm$ 20 %                                            |
| Case Size (EIA/JIS)            | 0603/1608                                                   |
| Rated Current (max)            | 0.17 A                                                      |
| Saturation Current (max)       | 0.17 A                                                      |
| Temperature Rise Current (max) | 0.22 A                                                      |
| DC Resistance (typ)            | 2 $\Omega$                                                  |
| DC Resistance (max)            | 2.6 $\Omega$                                                |
| LQ Measuring Frequency         | 1 MHz                                                       |
| Self Resonant Frequency (min)  | 45 MHz                                                      |
| Operating Temp. Range          | -40 to +105 $^{\circ}$ C<br>(Including-self-generated heat) |
| RoHS2 Compliance               | Yes                                                         |
| REACH Compliance               | Yes                                                         |
| Soldering                      | Reflow                                                      |

## ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.6 $\pm$ 0.2 mm   |
| Dimension W | 0.8 $\pm$ 0.2 mm   |
| Dimension T | Max 0.7 mm         |
| Dimension e | 0.45 $\pm$ 0.15 mm |

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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.