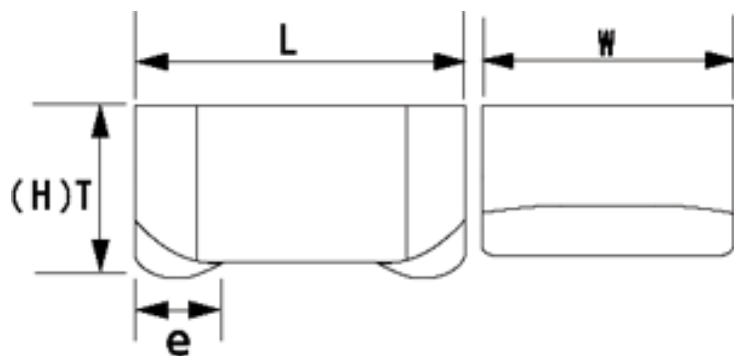


Wire-wound Chip Power Inductors (BR series)

BRC1608TR50M6



■ Features

- Item Summary
0.5 μ H(\pm 20%), 1200mA, 1050mA, 0603
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0603/1608
Inductance	0.5 μ H(\pm 20%)
Inductance Measuring Frequency	6MHz
Rated Current -Saturation Current	1200mA
Rated Current -Temperature Rise Current	1050mA
DC Resistance (max)	0.117 Ω
Avg. of DC.Resistance	0.09 Ω
Temperature Range	-40 $^{\circ}$ C to 105 $^{\circ}$ C
Self-resonant Frequency (min)	710MHz
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	1.6mm \pm 0.2
W	0.8mm \pm 0.2
H	0.8mm \pm 0.2

2013.02.23

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.