

Wire-wound Chip Power Inductors (BR series)

BRC1608TR50M6



■ Features

- Item Summary
0.5uH±20%, 1.05A, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Inductance	0.5 uH ± 20 %
Case Size (EIA/JIS)	0603/1608
Rated Current (max)	1.05 A
Saturation Current (max)	1.2 A
Temperature Rise Current (max)	1.05 A
DC Resistance (typ)	90 mΩ
DC Resistance (max)	117 mΩ
LQ Measuring Frequency	6 MHz
Self Resonant Frequency (min)	710 MHz
Operating Temp. Range	-40 to +105 °C (Including-self-generated heat)
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.6 ±0.2 mm
Dimension W	0.8 ±0.2 mm
Dimension T	0.8 ±0.2 mm
Dimension e	0.45 ±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.