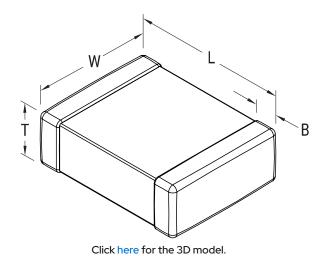


## CBR06C180FAGAC

**General Information** 

Series

CBR-SMD RF COG, Ceramic, 18 pF, 1%, 250 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603



Style SMD Chip SMD, Fixed, RF, Ultra High Q, Description Low ESR, Class I Features Ultra High Q, Low ESR, Class I RoHS Yes Termination Tin Marking No AEC-Q200 No 5.29 mg Typical Component Weight Notes Solder Wave or Solder Reflow. Shelf Life 78 Weeks MSL 1

CBR-SMD RF COG

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0603            |
| L          | 1.6mm +/-0.1mm  |
| W          | 0.8mm +/-0.1mm  |
| т          | 0.8mm +/-0.07mm |
| В          | 0.4mm +/-0.15mm |

| Packaging Specifications |
|--------------------------|
|                          |

Packaging Packaging Quantity T&R, 180mm, Plastic Tape 4000

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 18 pF               |
| Tolerance                       | 1%                  |
| Voltage DC                      | 250 VDC             |
| Dielectric Withstanding Voltage | 500 VDC             |
| Temperature Range               | -55/+125°C          |
| Temp. Coefficient               | COG                 |
| Dissipation Factor              | 0.132%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 760                 |

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