

CBR04C189B5GACAUTO

CBR-SMD RF Auto COG, Ceramic, 1.8 pF, +/-0.1 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



Click here for the 3D model.

| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 0402 | |
| L | 1mm +/-0.05mm | |
| W | 0.5mm +/-0.05mm | |
| Т | 0.5mm +/-0.05mm | |
| В | 0.25mm +/-0.1mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 10000 | |
| | | |

| General Information | | | |
|---------------------|--|--|--|
| Series | CBR-SMD RF Auto COG | | |
| Style | SMD Chip | | |
| Description | SMD, Fixed, RF, Ultra High Q, Low ESR, Class I | | |
| Features | Ultra High Q, Low ESR, Class I | | |
| RoHS | Yes | | |
| Termination | Tin | | |
| Marking | No | | |
| Qualifications | AEC-Q200 | | |
| AEC-Q200 | Yes | | |
| Halogen Free | Yes | | |
| Notes | Solder Wave or Solder Reflow. | | |
| Shelf Life | 78 Weeks | | |
| MSL | 1 | | |

| Specifications | | | | |
|--|---------------------------|--|--|--|
| Capacitance | 1.8 pF | | | |
| Capacitance Tolerance | +/-0.1 pF | | | |
| Voltage DC | 50 VDC | | | |
| Dielectric Withstanding Voltage | 125 VDC | | | |
| Temperature Range | -55/+125°C | | | |
| Temperature Coefficient | COG | | | |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MHz 1.0Vrms | | | |
| Dissipation Factor | 0.23%1MHz 1.0Vrms | | | |
| Aging Rate | 0% Loss/Decade Hour | | | |
| Insulation Resistance | 10 GOhms | | | |
| Quality Factor | 436 | | | |

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