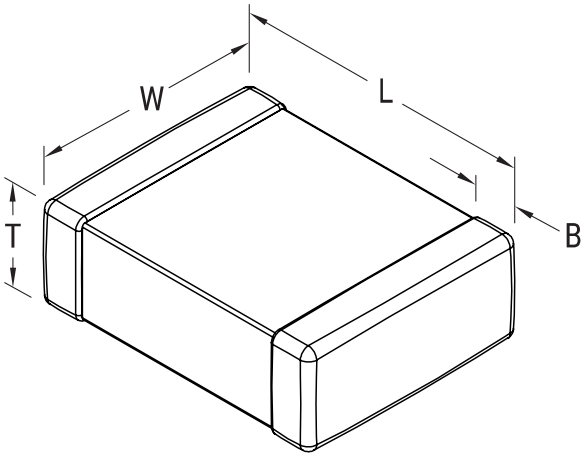
# CBR06C519C5GACAUTO

CBR-SMD RF Auto C0G, Ceramic, 5.1 pF, +/-0.25 pF, 50 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603 / 1608




Click here for the 3D model.

| General Information | |
|---|---|
| Series | CBR-SMD RF Auto C0G |
| 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 |
| Halogen Free | Yes |
| Typical Component Weight | 5.29 mg |
| Notes | Solder Wave or Solder Reflow. |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 1.6mm +/-0.1mm |
| W | 0.8mm +/-0.1mm |
| T | 0.8mm +/-0.1mm |
| B | 0.4mm +/-0.2mm |
| Case Code (EIA / mm) | 0603 / 1608 |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 4000 |

| Specifications | |
|---|---|
| Capacitance | 5.1 pF |
| Tolerance | +/-0.25 pF |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | C0G |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MHz 1.0Vrms |
| Dissipation Factor | 0.2% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 10 GOhms |
| Quality Factor | 502 |

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