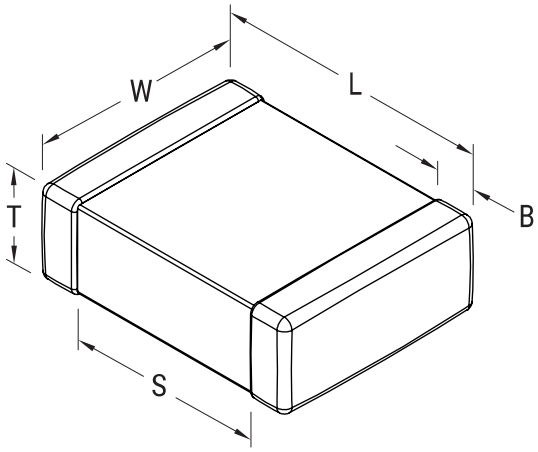
# C0603C161F2GACAUTO

SMD Auto C0G, Ceramic, 160 pF, 1%, 200 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0603 / 1608




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Auto C0G |
| Style | SMD Chip |
| Description | SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade |
| Features | Ultra-Stable, Low Loss, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 3.7 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.07mm |
| S | 0.5mm MIN |
| B | 0.35mm +/-0.15mm |
| Case Code (EIA / mm) | 0603 / 1608 |

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

| Specifications | |
|---|---|
| Capacitance | 160 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 1% |
| Voltage DC | 200 VDC |
| Dielectric Withstanding Voltage | 500 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | C0G |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

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