

C0402C129C5GACAUTO

SMD Auto COG, Ceramic, 1.2 pF, +/-0.25 pF, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0402



Click here for the 3D model.

| Chip Size 0402 L 1mm +/-0.05mm W 0.5mm +/-0.05mm T 0.5mm +/-0.05mm |
|--|
| W 0.5mm +/-0.05mm |
| |
| T 0.5mm +/-0.05mm |
| |
| S 0.3mm MIN |
| B 0.3mm +/-0.1mm |

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

| General Information | |
|---------------------|--|
| Series | SMD Auto COG |
| 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 |
| AEC-Q200 | Yes |
| Component Weight | 1.06 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|------------------------------|
| Capacitance | 1.2 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | +/-0.25 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, 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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