

C0805C101K2GACAUTO

SMD Auto COG, Ceramic, 100 pF, 10%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805



Click here for the 3D model.

| Chip Size 0805 L 2mm +/-0.2mm W 1.25mm +/-0.2mm |
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| W 1.25mm +/-0.2mm |
| |
| T 0.78mm +/-0.10mm |
| S 0.75mm MIN |
| B 0.5mm +/-0.25mm |

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

| 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 | 11 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|------------------------------|
| Capacitance | 100 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 200 VDC |
| Dielectric Withstanding Voltage | 500 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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