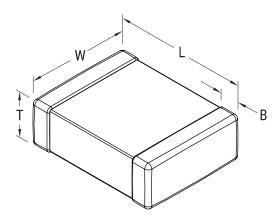
KEMET Part Number: C1206C101JGGACAUTO



SMD Auto C0G HV, Ceramic, 100 pF, 5%, 2000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1206



| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 1206 | |
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 1.2mm +/-0.15mm | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 2500 | |

| General Information | | |
|---------------------|---|--|
| Series: | SMD Auto COG HV | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade | |
| Features: | Ultra-Stable, Low Loss, Automotive Grade | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Qualifications: | AEC-Q200 | |
| AEC-Q200: | Yes | |
| Component Weight: | 30 mg | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|---|---------------------------|
| Capacitance: | 100 pF |
| Measurement Condition: | 1 MHz 1.0Vrms |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 2000 VDC |
| Dielectric Withstanding Voltage: | 2400 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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