KEMET Part Number: C0805X121J5GACAUTO



SMD Auto C0G Flex, Ceramic, 120 pF, 5%, 50 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



| Dimensions | | |
|------------|------------------|--|
| Chip Size | 0805 | |
| L | 2mm +/-0.3mm | |
| W | 1.25mm +/-0.3mm | |
| Т | 0.78mm +/-0.20mm | |
| S | 0.75mm MIN | |
| В | 0.5mm +/-0.25mm | |

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

| General Information | | |
|---------------------|---|--|
| Series: | SMD Auto C0G Flex | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, FT-CAP, Ultra- Stable, Automotive Grade | |
| Features: | FT-CAP, Ultra-Stable, Automotive Grade | |
| RoHS: | Yes | |
| Termination: | Flexible Termination | |
| Marking: | No | |
| Qualifications: | AEC-Q200 | |
| AEC-Q200: | Yes | |
| Component Weight: | 11 mg | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|---|---------------------------|--|
| Capacitance: | 120 pF | |
| Measurement Condition: | 1 MHz 1.0Vrms | |
| Capacitance Tolerance: | 5% | |
| 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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