

SMD Auto COG Flex, Ceramic, 1800 pF, 5%, 250 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



Dimensions

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

Packaging Specifications

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

General Information

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| Series: | SMD Auto COG 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

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|--|------------------------|
| Capacitance: | 1800 pF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 250 VDC |
| Dielectric Withstanding Voltage: | 625 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor: | 0.1% 1 kHz 1.0Vrms |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |

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