

KEMET Part Number: C1206X103G3GACTU
(C1206X103G3GAC7800)

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SMD Comm COG Flex, Ceramic, 0.01 uF, 2%, 25 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1206



Dimensions

| Dimensions | |
|------------|-----------------|
| Chip Size | 1206 |
| L | 3.3mm +/-0.4mm |
| W | 1.6mm +/-0.35mm |
| T | 1mm +/-0.20mm |
| B | 0.6mm +/-0.25mm |

Packaging Specifications

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

General Information

| | |
|-------------------|---------------------------------|
| Series: | SMD Comm COG Flex |
| Style: | SMD Chip |
| Description: | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features: | FT-CAP, Ultra-Stable |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| AEC-Q200: | No |
| Component Weight: | 25 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|---|------------------------|
| Capacitance: | 0.01 uF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 2% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 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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