KEMET Part Number: C1210X103J1GACTU

(C1210X103J1GAC7800)



SMD Comm COG Flex, Ceramic, 0.01 uF, 5%, 100 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1210



| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 1210 | |
| L | 3.3mm +/-0.4mm | |
| W | 2.6mm +/-0.3mm | |
| Т | 1.1mm +/-0.15mm | |
| В | 0.6mm +/-0.25mm | |

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

| General Information | | |
|---------------------|-------------------------------------|--|
| Series: | SMD Comm C0G 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: | 40 mg | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|---|------------------------|--|
| Capacitance: | 0.01 uF | |
| Measurement Condition: | 1 kHz 1.0Vrms | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 100 VDC | |
| Dielectric Withstanding Voltage: | 250 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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