KEMET Part Number: C0603X101F2GACTU

(C0603X101F2GAC7867)



SMD Comm COG Flex, Ceramic, 100 pF, 1%, 200 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



| Dimensions | | |
|------------|------------------|--|
| Chip Size | 0603 | |
| L | 1.6mm +/-0.17mm | |
| W | 0.8mm +/-0.15mm | |
| Т | 0.8mm +/-0.15mm | |
| S | 0.58mm MIN | |
| В | 0.45mm +/-0.15mm | |

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

| 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: | 4600 ug | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|---|---------------------------|
| Capacitance: | 100 pF |
| Measurement Condition: | 1 MHz 1.0Vrms |
| Capacitance Tolerance: | 1% |
| Voltage DC: | 200 VDC |
| Dielectric Withstanding Voltage: | 500 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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