

KEMET Part Number: C0603X102J5GACTU
(C0603X102J5GAC7867)

Ceramic, FlexTerm-(CxxxxX), 1000 pF, 5%, 50 V, 0603, COG, SMD, MLCC, FT-CAP, Ultra-Stable



Dimensions

| | |
|----------|------------------|
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.15mm |
| S | 0.58mm MIN |
| B | 0.45mm +/-0.15mm |

Packaging Specifications

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

General Information

| | |
|-----------------------|---|
| Style: | SMD Chip |
| Series: | FlexTerm-(CxxxxX) |
| Chip Size: | 0603 |
| Description: | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features: | FT-CAP, Ultra-Stable |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |

Specifications

| | |
|---|---------------------|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.1% |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |