

KEMET Part Number: C0603X180K5GACTU
(C0603X180K5GAC7867)

SMD Comm C0G Flex, Ceramic, 18 pF, 10%, 50 VDC, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



| 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 | |
|-----------------------|---|
| Supplier: | KEMET |
| 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 |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |
| Chip Size: | 0603 |

| Specifications | |
|---|---------------------|
| Capacitance: | 18 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | C0G |
| Dissipation Factor: | 0.10% 1MHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |