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 |
| 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 | | |
|---------------------|---------------------------------------------------------|--|
| 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: | COG | |
| Dissipation Factor: | 0.10% 1MHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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