KEMET Part Number: C0603C270F5GACTU

(C0603C270F5GAC7867)



Ceramic, Commercial-(CxxxxC), 27 pF, 1%, 50 V, 0603, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| Dimensions | | |
|------------|------------------|--|
| L | 1.6mm +/-0.15mm | |
| W | 0.8mm +/-0.15mm | |
| Т | 0.8mm +/-0.07mm | |
| S | 0.7mm MIN | |
| В | 0.35mm +/-0.15mm | |

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

| General Information | |
|---------------------|---|
| Style: | SMD Chip |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0603 |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features: | Ultra-Stable, Low Loss, Class I |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 27 pF | |
| Capacitance Tolerance: | 1% | |
| 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 | |

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