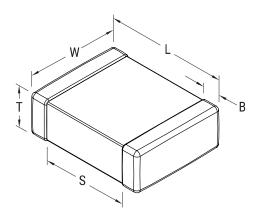
KEMET Part Number: C0805C103J5GACTU

(C0805C103J5GAC7800)



SMD Comm C0G, Ceramic, 0.01 uF, 5%, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| Т | 0.78mm +/-0.10mm |
| S | 0.75mm MIN |
| В | 0.5mm +/-0.25mm |

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

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | SMD Comm C0G | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, Ultra-Stable, Low Loss, Class I | |
| Features: | Ultra-Stable, Low Loss, Class I | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts | |
| Chip Size: | 0805 | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.01 uF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 VDC | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.10% 1kHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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