

KEMET Part Number: C0805C101K5GACTU
(C0805C101K5GAC7800)

Ceramic, Commercial-(CxxxxC), 100 pF, 10%, 50 V, 0805, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



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

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

| General Information | |
|-----------------------|---|
| Style: | SMD Chip |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0805 |
| 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: | 100 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | C0G |
| Dissipation Factor: | 0.1% |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |