

KEMET Part Number: C0603X101J5GACTU
(C0603X101J5GAC7867)

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Ultra Stable, 100 pF, +/-5% Tol, 50V, COG, 0603 (1608 metric)



| Dimensions (mm) | | |
|-----------------|-----------|-------------|
| Symbol | Dimension | Tolerance |
| L | 1.6 | +0.2/-0.1 |
| W | 0.8 | +/-0.15 |
| T | 0.80 | +/-0.07 |
| B | 0.45 | +0.05/-0.15 |
| S | 0.58 | MIN |

| Packaging Specifications | |
|--------------------------|------------|
| Package Kind: | T&R |
| Package Size: | 7in |
| Package Type: | Paper Tape |
| Package Quantity: | 4000 |

| General Information | |
|---------------------------|---|
| Supplier: | KEMET |
| Part Type Description: | SMD, MLCC, FT-CAP, Ultra Stable |
| Miscellaneous Electrical: | Note: KEMET 50V rated parts may be operated at 63 Volts |

| Specifications | |
|--------------------------|------------------------------------|
| Capacitance: | 100 pF |
| Chip Size: | 0603 (1608 metric) |
| Voltage: | 50V |
| Temperature Coefficient: | COG |
| Tolerance: | +/-5% |
| Application: | Standard Chip/Flexible Termination |
| Termination Type: | Flexible Termination |
| Marked: | No |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 0.1% |
| Aging Rate: | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm |
| Dielectric Strength: | 125V |