KEMET Part Number: C0402C101K5GACTU

(C0402C101K5GAC7867)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 100 pF, +/-10% Tol, 50 V, C0G, 0402 (1005 metric)



| General Information | | |
|--------------------------|---|--|
| Supplier: | KEMET | |
| Application: | Standard Chip | |
| Chip Size: | 0402 (1005 metric) | |
| Temperature Coefficient: | COG | |
| Part Type Description: | SMD, MLCC, Ultra-Stable, Low Loss, Class I | |
| Termination Type: | Tin (Sn) | |
| Marked: | No | |
| RoHS: | Yes | |

| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 1 | +/-0.05 | |
| W | 0.5 | +/-0.05 | |
| Т | 0.5 | +/-0.05 | |
| В | 0.3 | +/-0.1 | |
| S | 0.3 | MIN | |

| Packaging Specifications | | |
|--------------------------|-------------|--|
| Package Kind: | T&R | |
| Package Size: | 7 in/180 mm | |
| Package Type: | Paper Tape | |
| Package Quantity: | 10000 | |

| Specifications | | |
|------------------------|---|--|
| Capacitance: | 100 pF | |
| Voltage: | 50 V | |
| Tolerance: | +/-10% | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor: | 0.1% | |
| Failure Rate: | N/A | |
| Aging Rate: | 0% loss/decade hour | |
| Insulation Resistance: | 100 GOhm | |
| Dielectric Strength: | 125 V | |
| Miscellaneous: | Note: KEMET 50V rated parts may be operated at 63 Volts | |

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