

**KEMET Part Number: C0603C102F3GACTU**  
(C0603C102F3GAC7867)

Ceramic, Commercial-(CxxxxC), 1000 pF, 1%, 25 V, 0603, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| 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  |

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

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

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 1000 pF             |
| Capacitance Tolerance:   | 1%                  |
| Voltage DC:              | 25 VDC              |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | COG                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 100 GOhms           |
| Dielectric Strength:     | 62.5 V              |