

KEMET Part Number: C0402C109C5GACTU
 (C0402C109C5GAC7867, C0402C109C5GACTR, 0402C109C5GACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1 pF, +/-0.25 pF, 50 V, 0402, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| Dimensions | |
|------------|-----------------|
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| T | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| B | 0.3mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 10000 |

| General Information | |
|---------------------|---|
| Style: | SMD Chip |
| Manufacturer: | KEMET |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0402 |
| Description: | SMD, MLCC, 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: | 1 pF |
| Capacitance Tolerance: | +/-0.25 pF |
| Voltage DC: | 50 VDC |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.1% |
| Aging Rate: | 0% Loss/Decade Hour |
| Dielectric Strength: | 125 V |

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