

**KEMET Part Number: C0402C390K4GACTU**  
(C0402C390K4GAC7867)

SMD Comm COG, Ceramic, 39 pF, 10%, 16 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402



| General Information |  |
|---------------------|--|
| Supplier:           | KEMET                                      |
| Series:             | SMD Comm COG                               |
| Style:              | SMD Chip                                   |
| Description:        | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features:           | Ultra-Stable, Low Loss, Class I            |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Chip Size:          | 0402                                       |

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

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 39 pF               |
| Capacitance Tolerance:           | 10%                 |
| Voltage DC:                      | 16 VDC              |
| Dielectric Withstanding Voltage: | 40 V                |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.10% 1MHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |

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

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