

**KEMET Part Number: C0603C561JAGACTU**  
(C0603C561JAGAC7867)

SMD Comm C0G, Ceramic, 560 pF, 5%, 250 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



**General Information**

|              |  |
|--------------|--|
| Supplier:    | KEMET                                      |
| Series:      | SMD Comm C0G                               |
| 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:   | 0603                                       |

**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:                     | 560 pF              |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 250 VDC             |
| Dielectric Withstanding Voltage: | 625 V               |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | C0G                 |
| Dissipation Factor:              | 0.10% 1MHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |