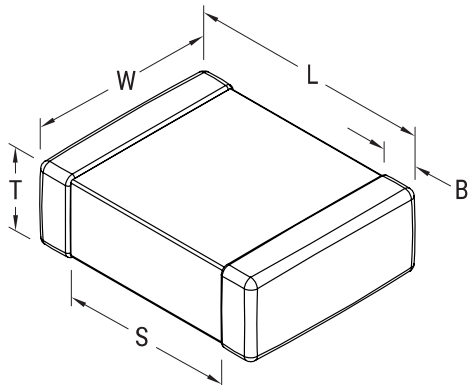


**KEMET Part Number: C0603C472K1GECTU**  
(C0603C472K1GEC7867)



ESD SMD Comm C0G, Ceramic, Electro Static Discharge, 4700 pF, 10%, 100 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



**Dimensions**

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

**Packaging Specifications**

|                            |                        |
|----------------------------|------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Paper Tape |
| <b>Packaging Quantity:</b> | 4000                   |

**General Information**

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| <b>Supplier:</b>    | KEMET                                                            |
| <b>Series:</b>      | ESD SMD Comm C0G                                                 |
| <b>Style:</b>       | SMD Chip                                                         |
| <b>Description:</b> | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I |
| <b>Features:</b>    | Temperature Stable, Low ESR, Class I                             |
| <b>RoHS:</b>        | Yes                                                              |
| <b>Termination:</b> | Tin                                                              |
| <b>Marking:</b>     | No                                                               |
| <b>Chip Size:</b>   | 0603                                                             |

**Specifications**

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 4700 pF             |
| <b>Capacitance Tolerance:</b>           | 10%                 |
| <b>Voltage DC:</b>                      | 100 VDC             |
| <b>ESD Level per AEC-Q200:</b>          | 16,000 V ESD Level  |
| <b>Dielectric Withstanding Voltage:</b> | 250 V               |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | C0G                 |
| <b>Dissipation Factor:</b>              | 0.10% 1kHz 25C      |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |

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