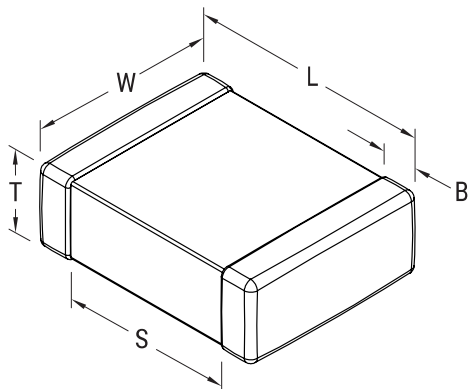


**KEMET Part Number: C0603X392J5JACTU**  
(C0603X392J5JAC7867)

SMD Comm U2J Flex, Ceramic, 3900 pF, 5%, 50 VDC, U2J, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



**Dimensions**

|          |                  |
|----------|------------------|
| <b>L</b> | 1.6mm +/-0.17mm  |
| <b>W</b> | 0.8mm +/-0.15mm  |
| <b>T</b> | 0.8mm +/-0.07mm  |
| <b>S</b> | 0.58mm MIN       |
| <b>B</b> | 0.45mm +/-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>        | SMD Comm U2J Flex                                                        |
| <b>Style:</b>         | SMD Chip                                                                 |
| <b>Description:</b>   | SMD, MLCC, FT-CAP, Ultra-Stable                                          |
| <b>Features:</b>      | FT-CAP, Ultra-Stable                                                     |
| <b>RoHS:</b>          | Yes                                                                      |
| <b>Termination:</b>   | Flexible Termination                                                     |
| <b>Marking:</b>       | No                                                                       |
| <b>Miscellaneous:</b> | Note: Referee time for U2J dielectric for this part number is 1000 hours |
| <b>Chip Size:</b>     | 0603                                                                     |

**Specifications**

|                                         |                       |
|-----------------------------------------|-----------------------|
| <b>Capacitance:</b>                     | 3900 pF               |
| <b>Capacitance Tolerance:</b>           | 5%                    |
| <b>Voltage DC:</b>                      | 50 VDC                |
| <b>Dielectric Withstanding Voltage:</b> | 125 VDC               |
| <b>Temperature Range:</b>               | -55/+125C             |
| <b>Temperature Coefficient:</b>         | U2J                   |
| <b>Dissipation Factor:</b>              | 0.10% 1kHz 25C        |
| <b>Aging Rate:</b>                      | 0.1% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms             |