

## C0603C622K4JACTU

Aliases (C0603C622K4JAC7867)

SMD Comm U2J, Ceramic, 6,200 pF, 10%, 16 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603, 0.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                            |
|--------------------------|--------------------------------------------|
| Series                   | SMD Comm U2J                               |
| 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                                         |
| AEC-Q200                 | No                                         |
| Typical Component Weight | 3.7 mg                                     |
| Shelf Life               | 78 Weeks                                   |
| MSL                      | 1                                          |

### Specifications

|                                                                    |                                                   |
|--------------------------------------------------------------------|---------------------------------------------------|
| Capacitance                                                        | 6,200 pF                                          |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                     |
| Tolerance                                                          | 10%                                               |
| Voltage DC                                                         | 16 VDC                                            |
| Dielectric Withstanding Voltage                                    | 40 VDC                                            |
| Temperature Range                                                  | -55/+125°C                                        |
| Temp. Coefficient                                                  | U2J                                               |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | -750+/-120 ppm/C, 1kHz 1.0Vrms                    |
| Dissipation Factor                                                 | 0.1% 1 kHz 1.0Vrms                                |
| Aging Rate                                                         | 0.1% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance                                              | 100 GOhms                                         |

### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 0603             |
| L         | 1.6mm +/-0.15mm  |
| W         | 0.8mm +/-0.15mm  |
| T         | 0.8mm +/-0.07mm  |
| S         | 0.5mm MIN        |
| B         | 0.35mm +/-0.15mm |

### Packaging Specifications

|                    |                        |
|--------------------|------------------------|
| Packaging          | T&R, 180mm, Paper Tape |
| Packaging Quantity | 4000                   |

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