



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

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 0603             |
| L          | 1.6mm +/-0.17mm  |
| W          | 0.8mm +/-0.15mm  |
| T          | 0.8mm +/-0.07mm  |
| S          | 0.4mm MIN        |
| B          | 0.45mm +/-0.15mm |

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

| General Information      |                                 |
|--------------------------|---------------------------------|
| Series                   | SMD Comm U2J Flex               |
| Style                    | SMD Chip                        |
| Description              | SMD, MLCC, FT-CAP, Ultra-Stable |
| Features                 | FT-CAP, Ultra-Stable            |
| RoHS                     | Yes                             |
| Termination              | Flexible Termination            |
| Marking                  | false                           |
| AEC-Q200                 | No                              |
| Typical Component Weight | 3.7 mg                          |
| Shelf Life               | 78 Weeks                        |
| MSL                      | 1                               |

| Specifications   |   |
|--|---|
| Capacitance  | 4700 pF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                     |
| Capacitance Tolerance  | 1%  |
| Voltage DC   | 50 VDC  |
| Dielectric Withstanding Voltage                                    | 125 VDC   |
| Temperature Range  | -55/+125°C  |
| Temperature 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   |

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