

## C1206X103JAGACTU

Aliases (C1206X103JAGAC7800)

SMD Comm COG Flex, Ceramic, 0.01 uF, 5%, 250 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1206



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1206            |
| L         | 3.3mm +/-0.4mm  |
| W         | 1.6mm +/-0.35mm |
| T         | 0.9mm +/-0.20mm |
| S         | 1.5mm MIN       |
| B         | 0.6mm +/-0.25mm |

### Packaging Specifications

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

### General Information

|                          |                                 |
|--------------------------|---------------------------------|
| Series                   | SMD Comm COG 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 | 20 mg                           |
| Shelf Life               | 78 Weeks                        |
| MSL                      | 1                               |

### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 0.01 uF                |
| Measurement Condition  | 1 kHz 1.0Vrms          |
| Capacitance Tolerance  | 5%                     |
| Voltage DC   | 250 VDC                |
| Dielectric Withstanding Voltage                                    | 625 VDC                |
| Temperature Range  | -55/+125°C             |
| Temperature Coefficient  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1kHz 1.0Vrms      |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 100 GOhms              |

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