

## C1206X331FBGALTU

Aliases (C1206X331FBGAL7800)

SMD Comm COG HV Flex, Ceramic, 330 pF, 1%, 630 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1206, 1.5 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | SMD Comm COG HV Flex   |
| Style                    | SMD Chip   |
| Description              | SMD, MLCC, FT-CAP, Ultra-Stable  |
| Features                 | FT-CAP, Ultra-Stable   |
| RoHS                     | No   |
| Prop 65                  | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number              | 724b81dc-0c36-4aa3-aabc-63f2cc6f8822   |
| Termination              | Flexible Termination With Lead (SnPb)  |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 25 mg  |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1206            |
| L         | 3.3mm +/-0.4mm  |
| W         | 1.6mm +/-0.35mm |
| T         | 1mm +/-0.20mm   |
| S         | 1.5mm MIN       |
| B         | 0.6mm +/-0.25mm |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2500                     |

### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 330 pF                 |
| Measurement Condition  | 1 MHz 1.0Vrms          |
| Tolerance  | 1%                     |
| Voltage DC   | 630 VDC                |
| Dielectric Withstanding Voltage                                    | 945 VDC                |
| Temperature Range  | -55/+125°C             |
| Temp. Coefficient  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms     |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 100 GOhms              |

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