



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="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| Termination              | Flexible Termination With Lead (SnPb)  |
| Marking                  | false  |
| AEC-Q200                 | No   |
| Typical Component Weight | 70 mg  |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1210            |
| L         | 3.3mm +/-0.4mm  |
| W         | 2.6mm +/-0.3mm  |
| T         | 1.7mm +/-0.20mm |
| S         | 1.5mm MIN       |
| B         | 0.6mm +/-0.25mm |

#### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 8000                     |

#### Specifications

|  |                           |
|--|---------------------------|
| Capacitance  | 12 pF                     |
| Measurement Condition  | 1MHz 1.0Vrms              |
| Capacitance Tolerance  | 2%                        |
| Voltage DC   | 1500 VDC                  |
| Dielectric Withstanding Voltage                                    | 1800 VDC                  |
| Temperature Range  | -55/+125°C                |
| Temperature Coefficient  | COG                       |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1MHz 1.0Vrms         |
| Aging Rate   | 0% Loss/Decade Hour       |
| Insulation Resistance  | 100 GOhms                 |