



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm COG 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 | 4.6 mg   |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

| Specifications   |                           |
|--|---------------------------|
| Capacitance  | 30 pF                     |
| Measurement Condition  | 1MHz 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, 1MegaHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1MHz 1.0Vrms         |
| Aging Rate   | 0% Loss/Decade Hour       |
| Insulation Resistance  | 100 GOhms                 |

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

| Packaging Specifications |                                   |
|--------------------------|-----------------------------------|
| Packaging                | T&R, 330mm, 2mm Pitch, Paper Tape |
| Packaging Quantity       | 30000                             |

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