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**General Information**

|                          |  |
|--------------------------|--|
| Series                   | ESD SMD Comm COG   |
| Style                    | SMD Chip   |
| Description              | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I |
| Features                 | Temperature Stable, Low ESR, Class I                             |
| RoHS                     | Yes  |
| Termination              | Flexible Termination   |
| Marking                  | No   |
| Typical Component Weight | 15 mg  |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

**Specifications**

|  |                           |
|--|---------------------------|
| Capacitance  | 1,000 pF                  |
| Measurement Condition  | 1 MHz 1.0Vrms             |
| Tolerance  | 5%                        |
| Voltage DC   | 63 VDC                    |
| ESD Level per AEC-Q200   | 12,000 V ESD Level        |
| Dielectric Withstanding Voltage                                    | 157.5 VDC                 |
| Temperature Range  | -55/+125°C                |
| Temp. Coefficient  | COG                       |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms        |
| Aging Rate   | 0% Loss/Decade Hour       |
| Insulation Resistance  | 100 GOhms                 |

**Dimensions**

|                      |                  |
|----------------------|------------------|
| L                    | 3.3mm +/-0.4mm   |
| W                    | 1.6mm +/-0.35mm  |
| T                    | 0.78mm +/-0.20mm |
| S                    | 1.5mm MIN        |
| B                    | 0.6mm +/-0.25mm  |
| Case Code (EIA / mm) | 1206 / 3216      |

**Packaging Specifications**

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 10000                    |

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