



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

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 0603             |
| L          | 1.6mm +/-0.15mm  |
| W          | 0.8mm +/-0.15mm  |
| T          | 0.8mm +/-0.07mm  |
| S          | 0.7mm MIN        |
| B          | 0.35mm +/-0.15mm |

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

| General Information |                                            |
|---------------------|--------------------------------------------|
| Series              | SMD Comm COG                               |
| Style               | SMD Chip                                   |
| Description         | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features            | Ultra-Stable, Low Loss, Class I            |
| RoHS                | Yes                                        |
| Termination         | Tin                                        |
| Marking             | No                                         |
| AEC-Q200            | No                                         |
| Component Weight    | 3700 ug                                    |
| Shelf Life          | 78 Weeks                                   |
| MSL                 | 1                                          |

| Specifications                                                     |                        |
|--------------------------------------------------------------------|------------------------|
| Capacitance                                                        | 9100 pF                |
| Measurement Condition                                              | 1 kHz 1.0Vrms          |
| Capacitance Tolerance                                              | 1%                     |
| Voltage DC                                                         | 25 VDC                 |
| Dielectric Withstanding Voltage                                    | 62.5 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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