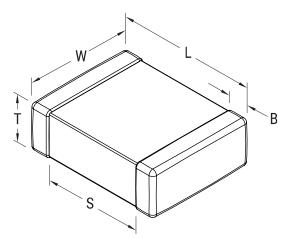


## C1206X103KMGEC

ESD SMD Comm COG, Ceramic, 0.01 uF, 10%, 63 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 1206, 1.5 mm



Click here for the 3D model.

| General Information      |  |
|--------------------------|--|
| Series                   | ESD SMD Comm COG   |
| Style                    | SMD Chip   |
| Description              | SMD, MLCC, Temperature<br>Stable, Electro Static Discharge,<br>Class I |
| Features                 | Temperature Stable, Low ESR,<br>Class I                                |
| RoHS                     | Yes  |
| Termination              | Flexible Termination   |
| Marking                  | No   |
| AEC-Q200                 | No   |
| Typical Component Weight | 20 mg  |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1206            |
| L          | 3.3mm +/-0.4mm  |
| W          | 1.6mm +/-0.35mm |
| т          | 0.9mm +/-0.20mm |
| S          | 1.5mm MIN       |
| В          | 0.6mm +/-0.25mm |

Bulk, Bag

1

## **Packaging Specifications**

Packaging Packaging Quantity Specifications Capacitance 0.01 uF **Measurement Condition** 1 kHz 1.0Vrms Tolerance 10% 63 VDC Voltage DC ESD Level per AEC-Q200 25,000 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 30 ppm/C, 1kHz 1.0Vrms Applied (TCC) **Dissipation Factor** 0.1%1 kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour Insulation Resistance 100 GOhms

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