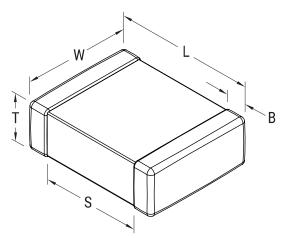


C0402C102F3GECAUTO

ESD SMD Auto COG, Ceramic, 1,000 pF, 1%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0402, 0.3 mm



Click here for the 3D model.

| General Information | |
|--------------------------|---|
| Series | ESD SMD Auto COG |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade |
| Features | Temperature Stable, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 1.06 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 0402 |
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| т | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| В | 0.3mm +/-0.1mm |
| | , |

Packaging Specifications Packaging T&R, 180mm, Paper Tape Packaging Quantity 10000

| Specifications | |
|--|---------------------------|
| Capacitance | 1,000 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 1% |
| Voltage DC | 25 VDC |
| ESD Level per AEC-Q200 | 4,000 V ESD Level |
| Dielectric Withstanding Voltage | 62.5 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 |

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