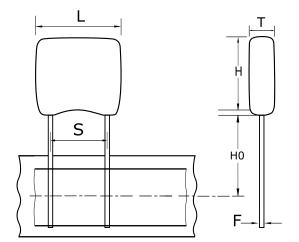


C315C102K5G5TA91707301

GoldMax 300 Auto COG, Ceramic, 1,000 pF, 10%, 50 VDC, COG, Goldmax, Automotive Grade, 2.54 mm



Click here for the 3D model.

| Dimensions | |
|------------|----------------------|
| L | 3.81mm MAX |
| н | 3.14mm MAX |
| т | 2.54mm MAX |
| S | 2.54mm +/-0.78mm |
| но | 16mm +/-0.5mm |
| F | 0.51mm +0.1/-0.025mm |
| | |

Packaging Specifications

PackagingT&R, 305mmPackaging Quantity2500

| General Information | |
|---------------------|---------------------------|
| Series | GoldMax 300 Auto COG |
| Style | Radial |
| Description | Goldmax, Automotive Grade |
| Features | Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Lead | Wire Leads |
| Failure Rate | N/A |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |

| Specifications | |
|--|-----------------------|
| Capacitance | 1,000 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1MHz 1.0Vrms |
| Dissipation Factor | 0.1% 1 MHz 1.0Vrms |
| Aging Rate | 0% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.