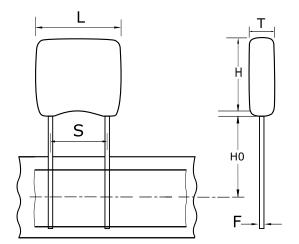


## C315C241F2G5TA91707301

GoldMax 300 Auto COG, Ceramic, 240 pF, 1%, 200 VDC, COG, GoldMax, Automotive Grade, 2.54mm



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        | true                      |

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 240 pF                |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Capacitance Tolerance  | 1%                    |
| Voltage DC   | 200 VDC               |
| Dielectric Withstanding Voltage  | 500 VDC               |
| Temperature Range  | -55/+125°C            |
| Temperature Coefficient  | COG                   |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>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             |

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