



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

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

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 5600 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 Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour   |
| Insulation Resistance  | 100 GOhms             |

| Dimensions               |                      |
|--------------------------|----------------------|
| L                        | 3.81mm MAX           |
| H                        | 5.97mm MAX           |
| T                        | 2.54mm MAX           |
| S                        | 5.08mm +/-0.78mm     |
| H0                       | 16mm +/-0.5mm        |
| F                        | 0.51mm +0.1/-0.025mm |
| Packaging Specifications |                      |
| Packaging                | T&R, 305mm           |
| Packaging Quantity       | 2500                 |

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