



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

## General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm COG         |
| Style        | Radial                       |
| Description  | GoldMax, Commercial Standard |
| RoHS         | Yes                          |
| Termination  | Tin                          |
| Lead         | Wire Leads                   |
| Failure Rate | N/A                          |
| AEC-Q200     | No                           |
| Halogen Free | true                         |

## Specifications

|  |                       |
|--|-----------------------|
| Capacitance  | 47 pF                 |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Capacitance Tolerance  | 10%                   |
| Voltage DC   | 100 VDC               |
| Dielectric Withstanding Voltage                                    | 250 VDC               |
| Temperature Range  | -55/+125°C            |
| Temperature 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             |

## Dimensions

|    |                      |
|----|----------------------|
| L  | 5.08mm MAX           |
| H  | 5.84mm MAX           |
| T  | 3.18mm MAX           |
| S  | 2.54mm +/-0.78mm     |
| H0 | 18mm MIN             |
| F  | 0.51mm +0.1/-0.025mm |

## Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 305mm |
| Packaging Quantity | 2500       |

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