



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

### Dimensions

|    |                      |
|----|----------------------|
| L  | 7.62mm MAX           |
| H  | 9.14mm MAX           |
| T  | 5.08mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| HO | 18mm MIN             |
| F  | 0.51mm +0.1/-0.025mm |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 305mm |
| Packaging Quantity | 1500       |

### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm X7R HV      |
| 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  | 1000 pF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Capacitance Tolerance  | 10%   |
| Voltage DC   | 2000 VDC  |
| Dielectric Withstanding Voltage                                    | 2400 VDC  |
| Temperature Range  | -55/+125°C                                      |
| Temperature Coefficient  | X7R   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms                              |
| Dissipation Factor   | 2.5% 1kHz 1.0Vrms                               |
| Aging Rate   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms                                       |