



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

#### 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 | Yes                          |

#### Dimensions

|    |                      |
|----|----------------------|
| L  | 7.62mm MAX           |
| H  | 9.14mm MAX           |
| T  | 5.08mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| LL | 7mm MIN              |
| F  | 0.51mm +0.1/-0.025mm |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 250       |

#### Specifications

|                                                                    |                                                 |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance                                                        | 1,000 pF                                        |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                   |
| Tolerance                                                          | 20%                                             |
| Voltage DC                                                         | 2000 VDC                                        |
| Dielectric Withstanding Voltage                                    | 2,400 VDC                                       |
| Temperature Range                                                  | -55/+125°C                                      |
| Temp. 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                                       |

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.