



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

#### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 600 Comm X7R HV      |
| Style        | Radial                       |
| Description  | GoldMax, Commercial Standard |
| RoHS         | With Exemptions              |
| REACH        | SVHC (Pb – CAS 7439-92-1)    |
| Termination  | Tin                          |
| Lead         | Wire Leads                   |
| Failure Rate | N/A                          |
| AEC-Q200     | No                           |
| Halogen Free | Yes                          |

#### Dimensions

|    |             |
|----|-------------|
| L  | 14.5mm MAX  |
| H  | 12.7mm MAX  |
| T  | 6.89mm MAX  |
| S  | 12.06mm NOM |
| LL | 7mm MIN     |
| F  | 0.64mm NOM  |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 50        |

#### Specifications

|  |   |
|--|---|
| Capacitance  | 0.47 uF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Tolerance  | 10%   |
| Voltage DC   | 1000 VDC  |
| Dielectric Withstanding Voltage                                    | 1,200 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  | 2.13 GOhms                                      |

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