



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

#### General Information

|              |  |
|--------------|--|
| Series       | GoldMax 300 Comm X7R   |
| Style        | Radial   |
| Description  | GoldMax, Commercial Standard   |
| RoHS         | No   |
| Prop 65      | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number  | d4c83dcf-0af3-4f6a-8c42-c840cabd6f5b   |
| Termination  | Lead (SnPb)  |
| Lead         | Wire Leads   |
| Failure Rate | N/A  |
| AEC-Q200     | No   |
| Halogen Free | Yes  |

#### Dimensions

|    |                      |
|----|----------------------|
| L  | 7.36mm MAX           |
| H  | 10.16mm MAX          |
| T  | 4.07mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| LL | 7mm MIN              |
| F  | 0.51mm +0.1/-0.025mm |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 100       |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 1.8 uF              |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 10%                 |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 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% 1 kHz 1.0Vrms  |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 280 MOhms           |

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