



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

#### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm X7R         |
| Style        | Radial                       |
| Description  | GoldMax, Commercial Standard |
| RoHS         | Yes                          |
| Termination  | Tin                          |
| Lead         | Crimped Out                  |
| Failure Rate | N/A                          |
| AEC-Q200     | No                           |
| Halogen Free | Yes                          |

#### Dimensions

|    |                      |
|----|----------------------|
| L  | 5.08mm MAX           |
| H  | 8.13mm MAX           |
| T  | 3.18mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| H0 | 16mm +/-0.5mm        |
| F  | 0.51mm +0.1/-0.025mm |
| E  | 6.86mm NOM           |

#### Packaging Specifications

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

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 0.1 uF              |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 20%                 |
| 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  | 10 GOhms            |

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