



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

#### General Information

|                |                             |
|----------------|-----------------------------|
| Series         | GoldMax 300 Auto X8L HT150C |
| Style          | Radial                      |
| Description    | GoldMax, Automotive Grade   |
| Features       | Automotive Grade            |
| RoHS           | Yes                         |
| Termination    | Tin                         |
| Lead           | Wire Leads                  |
| Failure Rate   | N/A                         |
| Qualifications | AEC-Q200                    |
| Halogen Free   | Yes                         |

#### Dimensions

|    |                      |
|----|----------------------|
| L  | 3.81mm MAX           |
| H  | 5.08mm MAX           |
| T  | 2.54mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| H0 | 16mm +/-0.5mm        |
| F  | 0.51mm +0.1/-0.025mm |

#### Packaging Specifications

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

#### Specifications

|  |  |
|--|--|
| Capacitance  | 0.22 uF  |
| Measurement Condition  | 1 kHz 1.0Vrms  |
| Tolerance  | 10%  |
| Voltage DC   | 50 VDC   |
| Dielectric Withstanding Voltage                                    | 125 VDC  |
| Temperature Range  | -55/+150°C   |
| Temp. Coefficient  | X8L  |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15% (-55C to +125C), +15/-40% (125C to 150C), 1kHz 1.0Vrms |
| Dissipation Factor   | 2.5% 1 kHz 1.0Vrms   |
| Aging Rate   | 3% Loss/Decade Hour  |
| Insulation Resistance  | 4.55 GOhms   |

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