



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                    |
| AEC-Q200       | Yes                         |
| Halogen Free   | Yes                         |

#### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 1.8 uF              |
| Tolerance                       | 20%                 |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+150°C          |
| Temp. Coefficient               | X8L                 |
| Dissipation Factor              | 2.5%                |
| Aging Rate                      | 3% Loss/Decade Hour |
| Insulation Resistance           | 555.6 MOhms         |

#### Dimensions

|    |                      |
|----|----------------------|
| L  | 5.08mm MAX           |
| H  | 6.6mm MAX            |
| T  | 3.18mm 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       |

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