



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

### Dimensions

|    |                      |
|----|----------------------|
| L  | 5.08mm MAX           |
| H  | 5.84mm MAX           |
| T  | 3.18mm MAX           |
| S  | 2.54mm +/-0.78mm     |
| HO | 18mm MIN             |
| F  | 0.51mm +0.1/-0.025mm |

### Packaging Specifications

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

### General Information

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

### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 2.2 uF              |
| Capacitance Tolerance           | 10%                 |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+150°C          |
| Temperature Coefficient         | X8L                 |
| Dissipation Factor              | 2.5%                |
| Aging Rate                      | 3% Loss/Decade Hour |
| Insulation Resistance           | 454.5 MOhms         |