



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                | Crimped Out                 |
| Failure Rate        | N/A                         |
| Qualifications      | AEC-Q200                    |
| AEC-Q200            | Yes                         |
| Halogen Free        | Yes                         |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 1.2 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           | 833.3 MOhms         |

| Dimensions |                      |
|------------|----------------------|
| L          | 5.08mm MAX           |
| H          | 7.62mm MAX           |
| T          | 3.18mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| H0         | 18mm MIN             |
| F          | 0.51mm +0.1/-0.025mm |
| E          | 5.08mm NOM           |

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