


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

General Information

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|----------------|-----------------------------|
| Series | GoldMax 300 Auto X8R 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 |

Dimensions

| | |
|----|-------------------|
| L | 7.11mm MAX |
| H | 9.14mm MAX |
| T | 4.07mm MAX |
| S | 5.08mm +/-0.78mm |
| H0 | 16mm +/-0.5mm |
| F | 0.51mm +/-0.025mm |

Packaging Specifications

| | |
|--------------------|------------|
| Packaging | T&R, 305mm |
| Packaging Quantity | 1500 |

Specifications

| | |
|--|-------------------------|
| Capacitance | 0.22 uF |
| Measurement Condition | 1MHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+150°C |
| Temp. Coefficient | X8R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15%/-40%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 4.55 GOhms |

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