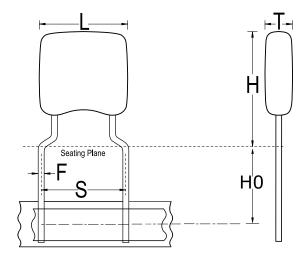


C318C189D2H5TA91707301

GoldMax 300 Auto X8R HT150C, Ceramic, 1.8 pF, +/-0.5 pF, 200 VDC, X8R, GoldMax, Automotive Grade, 5.08mm



Click here for the 3D model.

| Dimensions | |
|------------|----------------------|
| L | 3.81mm MAX |
| н | 5.97mm MAX |
| т | 2.54mm MAX |
| S | 5.08mm +/-0.78mm |
| НО | 16mm +/-0.5mm |
| F | 0.51mm +0.1/-0.025mm |
| | |

Packaging Specifications

PackagingT&R, 305mmPackaging Quantity2500

| General Information | |
|---------------------|-----------------------------|
| Series | GoldMax 300 Auto X8R HT150C |
| Style | Radial |
| Description | GoldMax, Automotive Grade |
| Features | Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Lead | Formed |
| Failure Rate | N/A |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | true |

| Specifications | |
|--|-------------------------|
| Capacitance | 1.8 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | +/-0.5 pF |
| Voltage DC | 200 VDC |
| Dielectric Withstanding Voltage | 500 VDC |
| Temperature Range | -55/+150°C |
| Temperature Coefficient | X8R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15%/-40%, 1MHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 MHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

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