



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

Dimensions

| | |
|----|----------------------|
| L | 8.38mm MAX |
| H | 10.16mm MAX |
| T | 5.08mm MAX |
| S | 10.16mm +/-0.78mm |
| LL | 7mm |
| F | 0.64mm +0.1/-0.025mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 50 |

General Information

| | |
|--------------|------------------------------|
| Series | GoldMax 300 Comm X7R |
| Style | Radial |
| Description | GoldMax, Commercial Standard |
| RoHS | Yes |
| Termination | Tin |
| Failure Rate | N/A |
| AEC-Q200 | No |
| Halogen Free | Yes |

Specifications

| | |
|--|---------------------|
| Capacitance | 2.7 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 190 MOhms |