



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

Dimensions

| | |
|----|-------------|
| L | 12.7mm MAX |
| H | 14.22mm MAX |
| T | 5.08mm MAX |
| S | 10.16mm NOM |
| LL | 7mm MIN |
| F | 0.64mm NOM |

Packaging Specifications

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

General Information

| | |
|--------------|------------------------------|
| Series | GoldMax 600 Comm X7R HV |
| Style | Radial |
| Description | GoldMax, Commercial Standard |
| RoHS | With Exemptions |
| REACH | SVHC (Pb - CAS 7439-92-1) |
| Termination | Tin |
| Failure Rate | N/A |
| AEC-Q200 | No |
| Halogen Free | Yes |

Specifications

| | |
|--|---|
| Capacitance | 0.82 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 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% 1kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 1.22 GOhms |