



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

| Dimensions |                      |
|------------|----------------------|
| L          | 12.7mm MAX           |
| H          | 14.22mm MAX          |
| T          | 6.85mm MAX           |
| S          | 10.16mm +/-0.78mm    |
| LL         | 7mm MIN              |
| F          | 0.64mm +0.1/-0.025mm |

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

| General Information |  |
|---------------------|--|
| Series              | GoldMax 300 Comm X7R HV  |
| Style               | Radial   |
| Description         | GoldMax, Commercial Standard   |
| RoHS                | No   |
| Prop 65             | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| SCIP Number         | d4c83dcf-0af3-4f6a-8c42-c840cabd6f5b   |
| Termination         | Lead (SnPb)  |
| Failure Rate        | N/A  |
| AEC-Q200            | No   |
| Halogen Free        | Yes  |

| Specifications   |   |
|--|---|
| Capacitance  | 0.1 uF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Capacitance Tolerance  | 20%   |
| 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  | 10 GOhms  |