



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

| Dimensions |                      |
|------------|----------------------|
| L          | 7.36mm MAX           |
| H          | 10.16mm MAX          |
| T          | 4.07mm MAX           |
| S          | 5.08mm +/-0.78mm     |
| LL         | 7mm MIN              |
| F          | 0.51mm +0.1/-0.025mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 100       |

| General Information |  |
|---------------------|--|
| Series              | GoldMax 300 Comm X7R   |
| 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  | 1 uF                |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Capacitance Tolerance  | 10%                 |
| Voltage DC   | 100 VDC             |
| Dielectric Withstanding Voltage                                    | 250 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  | 1 GOhms             |