



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

| Dimensions |                      |
|------------|----------------------|
| L          | 8.38mm MAX           |
| H          | 10.16mm MAX          |
| T          | 5.08mm MAX           |
| S          | 10.16mm +/-0.78mm    |
| HO         | 18mm MIN             |
| F          | 0.64mm +0.1/-0.025mm |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 305mm |
| Packaging Quantity       | 500        |

| 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  | 0.47 uF             |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Capacitance Tolerance  | 20%                 |
| Voltage DC   | 200 VDC             |
| Dielectric Withstanding Voltage                                    | 500 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 |
| Insulation Resistance  | 2.13 GOhms          |