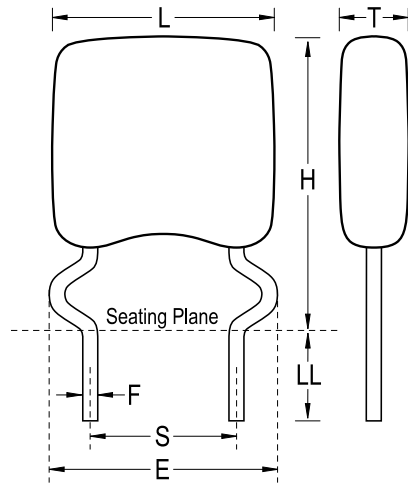




Click [here](#) for the 3D model.

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

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| H          | 5.84mm MAX           |
| T          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| LL         | 5.08mm MIN           |
| F          | 0.51mm +0.1/-0.025mm |
| E          | 5.08mm NOM           |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 500       |

| Specifications                                                     |                     |
|--------------------------------------------------------------------|---------------------|
| Capacitance                                                        | 1,000 pF            |
| Measurement Condition                                              | 1 kHz 1.0Vrms       |
| Tolerance                                                          | 10%                 |
| Voltage DC                                                         | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 VDC             |
| Temperature Range                                                  | -55/+125°C          |
| Temp. 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                                              | 100 GOhms           |

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