



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

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

| Dimensions               |                      |
|--------------------------|----------------------|
| L                        | 5.08mm MAX           |
| H                        | 5.84mm MAX           |
| T                        | 3.81mm MAX           |
| S                        | 2.54mm +/-0.78mm     |
| LL                       | 7mm MIN              |
| F                        | 0.51mm +0.1/-0.025mm |
| Packaging Specifications |                      |
| Packaging                | Bulk, Bag            |
| Packaging Quantity       | 500                  |

| Specifications   |   |
|--|---|
| Capacitance  | 27 pF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Tolerance  | 10%   |
| Voltage DC   | 1000 VDC  |
| Dielectric Withstanding Voltage                                    | 1,200 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: Referee Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms                                       |

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