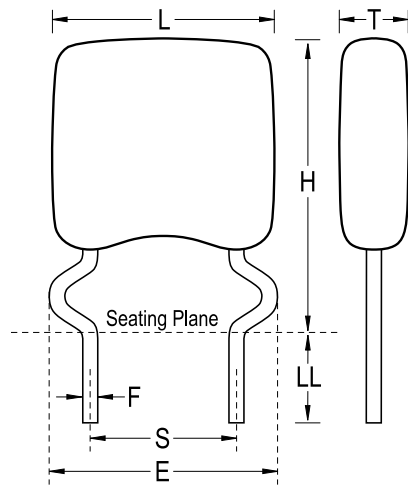


## C356C104KDR5TA

GoldMax 300 Comm X7R HV, Ceramic, 0.1 uF, 10%, 1,000 VDC, X7R, GoldMax, Commercial Standard, 10.16 mm



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         | Crimped Out                  |
| Failure Rate | N/A                          |
| AEC-Q200     | No                           |
| Halogen Free | Yes                          |

### Dimensions

|    |                      |
|----|----------------------|
| L  | 12.7mm MAX           |
| H  | 17.02mm MAX          |
| T  | 6.85mm MAX           |
| S  | 10.16mm +/-0.78mm    |
| LL | 5.08mm MIN           |
| F  | 0.64mm +0.1/-0.025mm |
| E  | 13.21mm NOM          |

### Packaging Specifications

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

### Specifications

|                                                                    |                                                 |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance                                                        | 0.1 uF                                          |
| 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                                              | 10 GOhms                                        |

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