

## C322C102KFR5TA

GoldMax 300 Comm X7R HV, Ceramic, 1,000 pF, 10%, 1,500 VDC, X7R, GoldMax, Commercial Standard, 5.08 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         | Wire Leads                   |
| Failure Rate | N/A                          |
| Halogen Free | Yes                          |

### Dimensions

|    |                      |
|----|----------------------|
| L  | 5.08mm MAX           |
| H  | 6.6mm MAX            |
| T  | 3.81mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| LL | 7mm MIN              |
| F  | 0.51mm +0.1/-0.025mm |

### Packaging Specifications

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

### Specifications

|                                                                    |                                                 |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance                                                        | 1,000 pF                                        |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                   |
| Tolerance                                                          | 10%                                             |
| Voltage DC                                                         | 1500 VDC                                        |
| Dielectric Withstanding Voltage                                    | 1,800 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% 1kHz 1.0Vrms                               |
| Aging Rate                                                         | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance                                              | 100 GOhms                                       |

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