

## C330C100KHG5TA

GoldMax 300 Comm COG HV, Ceramic, 10 pF, 10%, 3,000 VDC, COG, GoldMax, Commercial Standard, 5.08 mm



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

### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm COG 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  | 7.62mm MAX           |
| H  | 9.14mm MAX           |
| T  | 5.08mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| LL | 7mm MIN              |
| F  | 0.51mm +0.1/-0.025mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 250       |

### Specifications

|                                                                    |                       |
|--------------------------------------------------------------------|-----------------------|
| Capacitance                                                        | 10 pF                 |
| Measurement Condition                                              | 1 MHz 1.0Vrms         |
| Tolerance                                                          | 10%                   |
| Voltage DC                                                         | 3000 VDC              |
| Dielectric Withstanding Voltage                                    | 3,600 VDC             |
| Temperature Range                                                  | -55/+125°C            |
| Temp. Coefficient                                                  | COG                   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1MHz 1.0Vrms |
| Dissipation Factor                                                 | 0.1% 1 MHz 1.0Vrms    |
| Aging Rate                                                         | 0% Loss/Decade Hour   |
| Insulation Resistance                                              | 100 GOhms             |

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