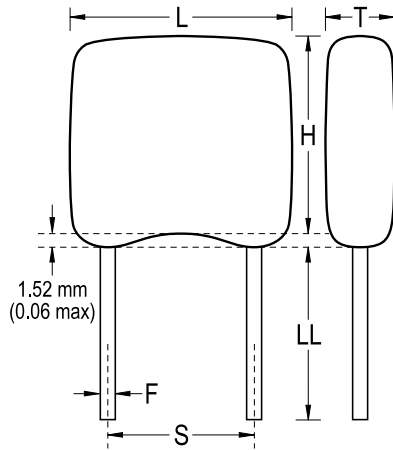


## C320C689D2G5TA

GoldMax 300 Comm COG, Ceramic, 6.8 pF, +/-0.5 pF, 200 VDC, COG, GoldMax, Commercial Standard, 2.54 mm



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

### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm COG         |
| 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  | 3.18mm 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                                                        | 6.8 pF                |
| Measurement Condition                                              | 1 MHz 1.0Vrms         |
| Tolerance                                                          | +/-0.5 pF             |
| Voltage DC                                                         | 200 VDC               |
| Dielectric Withstanding Voltage                                    | 500 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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