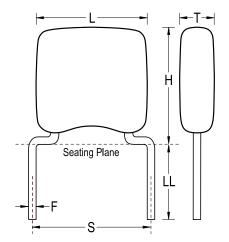


## C317C229DCG5TA

GoldMax 300 Comm COG HV, Ceramic, 2.2 pF, +/-0.5 pF, 500 VDC, COG, GoldMax, Commercial Standard, 5.08 mm



| 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                          |

Click here for the 3D model.

| L         3.81mm MAX           H         5.08mm MAX           T         3.14mm MAX           S         5.08mm +/-0.78mm           LL         7mm MIN | Dimensions |                      |
|--|------------|----------------------|
| T         3.14mm MAX           S         5.08mm +/-0.78mm  | L          | 3.81mm MAX           |
| S 5.08mm +/-0.78mm   | н          | 5.08mm MAX           |
|  | Т          | 3.14mm MAX           |
| LL 7mm MIN   | S          | 5.08mm +/-0.78mm     |
|  | LL         | 7mm MIN              |
| F 0.51mm +0.1/-0.025mm   | F          | 0.51mm +0.1/-0.025mm |

## Packaging Specifications Packaging Bulk, Bag

Packaging Quantity 500

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 2.2 pF                |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Tolerance  | +/-0.5 pF             |
| Voltage DC   | 500 VDC               |
| Dielectric Withstanding Voltage  | 750 VDC               |
| Temperature Range  | -55/+125°C            |
| Temp. Coefficient  | COG                   |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>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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