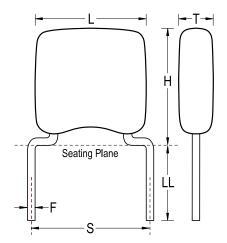


## C330C822K1G5HA

GoldMax 300 Comm COG, Ceramic, 8,200 pF, 10%, 100 VDC, COG, GoldMax, Commercial Standard, 5.08 mm



Click here for the 3D model.

| General Information |   |
|---------------------|---|
| Series              | GoldMax 300 Comm COG  |
| Style               | Radial  |
| Description         | GoldMax, Commercial Standard  |
| RoHS                | No  |
| Prop 65             | WARNING: Cancer and<br>reproductive harm -<br>https://www.p65warnings.ca.gov<br>/ |
| SCIP Number         | d4c83dcf-Oaf3-4f6a-8c42-c84<br>Ocabd6f5b  |
| Termination         | Lead (SnPb)   |
| Lead                | Wire Leads  |
| Failure Rate        | N/A   |
| AEC-Q200            | No  |
| Halogen Free        | Yes   |

| Dimensions |                      |
|------------|----------------------|
| L          | 7.11mm MAX           |
| н          | 9.14mm MAX           |
| Т          | 4.07mm 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  | 8,200 pF              |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Tolerance  | 10%                   |
| Voltage DC   | 100 VDC               |
| Dielectric Withstanding Voltage  | 250 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, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour   |
| Insulation Resistance  | 100 GOhms             |

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