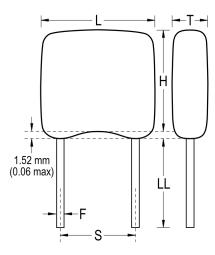


## C320C511F1G5TA

GoldMax 300 Comm COG, Ceramic, 510 pF, 1%, 100 VDC, COG, GoldMax, Commercial Standard, Lead Spacing = 2.54mm



Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 5.08mm MAX           |
| Н          | 5.84mm MAX           |
| Т          | 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       |  |  |

| General Information |                              |  |  |  |
|---------------------|------------------------------|--|--|--|
| Series              | GoldMax 300 Comm C0G         |  |  |  |
| Style               | Radial                       |  |  |  |
| Description         | GoldMax, Commercial Standard |  |  |  |
| RoHS                | Yes                          |  |  |  |
| Termination         | Tin                          |  |  |  |
| Failure Rate        | N/A                          |  |  |  |
| AEC-Q200            | No                           |  |  |  |
| Halogen Free        | Yes                          |  |  |  |

| Specifications   |                          |
|--|--------------------------|
| Capacitance  | 510 pF                   |
| Measurement Condition  | 1 MHz 1.0Vrms            |
| Capacitance Tolerance  | 1%                       |
| Voltage DC   | 100 VDC                  |
| Dielectric Withstanding Voltage                                    | 250 VDC                  |
| Temperature Range  | -55/+125°C               |
| Temperature Coefficient  | COG                      |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1MHz<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms       |
| Aging Rate   | 0% Loss/Decade<br>Hour   |
| Insulation Resistance  | 100 GOhms                |

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