

GoldMax 300 Comm COG, Ceramic, 0.056 uF, 5%, 100 VDC, COG, GoldMax, Commercial Standard, Lead Spacing = 10.16mm



### Dimensions

|           |                      |
|-----------|----------------------|
| <b>L</b>  | 8.38mm MAX           |
| <b>H</b>  | 10.16mm MAX          |
| <b>T</b>  | 5.08mm MAX           |
| <b>S</b>  | 10.16mm +/-0.78mm    |
| <b>LL</b> | 7mm MIN              |
| <b>F</b>  | 0.64mm +0.1/-0.025mm |

### Packaging Specifications

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 50        |

### General Information

|                      |                              |
|----------------------|------------------------------|
| <b>Series:</b>       | GoldMax 300 Comm COG         |
| <b>Style:</b>        | Radial                       |
| <b>Description:</b>  | GoldMax, Commercial Standard |
| <b>RoHS:</b>         | Yes                          |
| <b>Termination:</b>  | Tin                          |
| <b>Failure Rate:</b> | N/A                          |
| <b>AEC-Q200:</b>     | No                           |
| <b>Halogen Free:</b> | Yes                          |

### Specifications

|  |                       |
|--|-----------------------|
| <b>Capacitance:</b>  | 0.056 uF              |
| <b>Measurement Condition:</b>  | 1 MHz 1.0Vrms         |
| <b>Capacitance Tolerance:</b>  | 5%                    |
| <b>Voltage DC:</b>   | 100 VDC               |
| <b>Dielectric Withstanding Voltage:</b>                                    | 250 VDC               |
| <b>Temperature Range:</b>  | -55/+125°C            |
| <b>Temperature Coefficient:</b>  | COG                   |
| <b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b> | 30PPM/C, 1kHz 1.0Vrms |
| <b>Dissipation Factor:</b>   | 0.1% 1 MHz 1.0Vrms    |
| <b>Aging Rate:</b>   | 0% Loss/Decade Hour   |
| <b>Insulation Resistance:</b>  | 17.86 GOhms           |