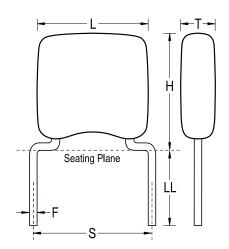




GoldMax 300 Comm COG, Ceramic, 47 pF, 2%, 100 VDC, COG, GoldMax, Commercial Standard, 5.08 mm



| 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                          |

Click here for the 3D model.

| 5.08mm MAX           |
|----------------------|
| 6.6mm MAX            |
| 3.18mm MAX           |
| 5.08mm +/-0.78mm     |
| 7mm MIN              |
| 0.51mm +0.1/-0.025mm |
|                      |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 500       |

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 47 pF                 |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Tolerance  | 2%                    |
| 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, 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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