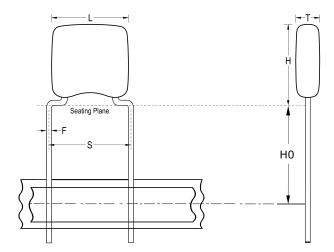


## C330C105M5U5TA7301

GoldMax 300 Comm Z5U, Ceramic, 1 uF, 20%, 50 VDC, Z5U, GoldMax, Commercial Standard, Lead Spacing = 5.08mm



Click here for the 3D model.

| Dimensions | , , , , , , , , , , , , , , , , , , , |
|------------|---------------------------------------|
| L          | 7.11mm MAX                            |
| н          | 9.14mm MAX                            |
| т          | 4.07mm MAX                            |
| S          | 5.08mm +/-0.78mm                      |
| НО         | 16mm +/-0.5mm                         |
| F          | 0.51mm +0.1/-0.025mm                  |

## Packaging Specifications

| Packaging          | T&R, 305mm |
|--------------------|------------|
| Packaging Quantity | 1500       |

| General Information |                              |  |
|---------------------|------------------------------|--|
| Series              | GoldMax 300 Comm Z5U         |  |
| Style               | Radial                       |  |
| Description         | GoldMax, Commercial Standard |  |
| RoHS                | Yes                          |  |
| Termination         | Tin                          |  |
| Failure Rate        | N/A                          |  |
| AEC-Q200            | No                           |  |
| Halogen Free        | Yes                          |  |

| Specifications  |                             |
|---|-----------------------------|
| Capacitance   | 1uF                         |
| Measurement Condition   | 1 kHz 1.0Vrms               |
| Capacitance Tolerance   | 20%                         |
| Voltage DC  | 50 VDC                      |
| Dielectric Withstanding Voltage                                       | 125 VDC                     |
| Temperature Range   | +10/+85°C                   |
| Temperature Coefficient   | Z5U                         |
| Capacitance Change with Reference to<br>+25°C and 0 VDC Applied (TCC) | '+22%/-56%, 1kHz<br>1.0Vrms |
| Dissipation Factor  | 4%1kHz1.0Vrms               |
| Aging Rate  | 7% Loss/Decade<br>Hour      |
| Insulation Resistance   | 100 MOhms                   |

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