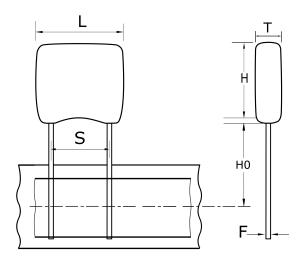


## C315C103M5U5TA7301

GoldMax 300 Comm Z5U, Ceramic, 0.01 uF, 20%, 50 VDC, Z5U, GoldMax, Commercial Standard, Lead Spacing = 2.54mm



Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| Н          | 3.14mm MAX           |
| Т          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| НО         | 16mm +/-0.5mm        |
| F          | 0.51mm +0.1/-0.025mm |

| Packaging Specifications |            |  |  |
|--------------------------|------------|--|--|
| Packaging                | T&R, 305mm |  |  |
| Packaging Quantity       | 2500       |  |  |

| 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  | 0.01 uF                     |
| 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 +25°C and 0 VDC Applied (TCC) | '+22%/-56%, 1kHz<br>1.0Vrms |
| Dissipation Factor   | 4% 1 kHz 1.0 Vrms           |
| Aging Rate   | 7% Loss/Decade<br>Hour      |
| Insulation Resistance  | 10 GOhms                    |

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