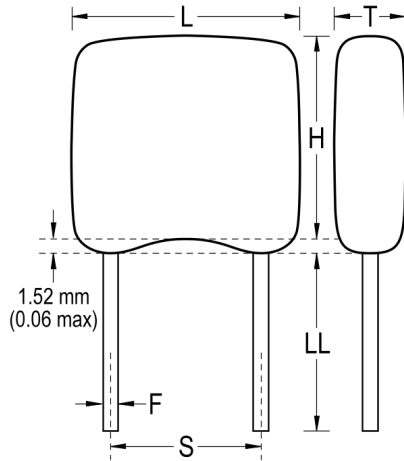


## C315C223Z1U5TA

GoldMax 300 Comm Z5U, Ceramic, 0.022  $\mu$ F, -20/+80%, 100 VDC, Z5U, GoldMax, Commercial Standard, Lead Spacing = 2.54mm



Click [here](#) for the 3D model.

### Dimensions

|    |                      |
|----|----------------------|
| L  | 3.81mm MAX           |
| H  | 3.14mm MAX           |
| T  | 2.54mm 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 Z5U         |
| Style        | Radial                       |
| Description  | GoldMax, Commercial Standard |
| RoHS         | Yes                          |
| Termination  | Tin                          |
| Failure Rate | N/A                          |
| AEC-Q200     | No                           |
| Halogen Free | Yes                          |

### Specifications

|                                                                    |                          |
|--------------------------------------------------------------------|--------------------------|
| Capacitance                                                        | 0.022 $\mu$ F            |
| Measurement Condition                                              | 1 kHz 1.0Vrms            |
| Capacitance Tolerance                                              | -20/+80%                 |
| Voltage DC                                                         | 100 VDC                  |
| Dielectric Withstanding Voltage                                    | 250 VDC                  |
| Temperature Range                                                  | +10/+85°C                |
| Temperature Coefficient                                            | Z5U                      |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | '+22%/-56%, 1kHz 1.0Vrms |
| Dissipation Factor                                                 | 4% 1kHz 1.0Vrms          |
| Aging Rate                                                         | 7% Loss/Decade Hour      |
| Insulation Resistance                                              | 4.55 GOhms               |

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