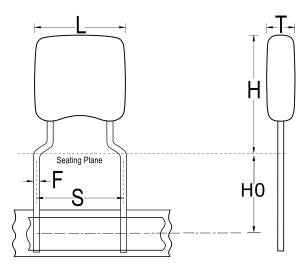


## C323C103MCR5TA7301

 $\hbox{GoldMax 300 Comm X7R HV, Ceramic, 0.01 uF, 20\%, 500 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm }$ 



Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 5.08mm MAX           |
| Н          | 7.62mm MAX           |
| Т          | 3.81mm 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       | 2500       |  |  |

| General Information |                              |  |
|---------------------|------------------------------|--|
| Series              | GoldMax 300 Comm X7R HV      |  |
| 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   | 500 VDC  |
| Dielectric Withstanding Voltage                                    | 750 VDC  |
| Temperature Range  | -55/+125°C   |
| Temperature Coefficient  | X7R  |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms                                 |
| Dissipation Factor   | 2.5% 1 kHz 1.0Vrms                                 |
| Aging Rate   | 3% Loss/Decade Hour:<br>Referee Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms  |

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