

## C322C103K1R5TA7301

 $\hbox{GoldMax 300 Comm X7R, Ceramic, 0.01 uF, 10\%, 100 VDC, X7R, GoldMax, Commercial Standard, Lead Spacing = 5.08mm }$ 



Click here for the 3D model.

| Dimensions | ,                    |
|------------|----------------------|
| L          | 5.08mm MAX           |
| Н          | 6.6mm MAX            |
| Т          | 3.18mm 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 |  |  |  |
| 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                                              | 10%                    |
| Voltage DC                                                         | 100 VDC                |
| Dielectric Withstanding Voltage                                    | 250 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<br>Hour |
| Insulation Resistance                                              | 100 GOhms              |

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