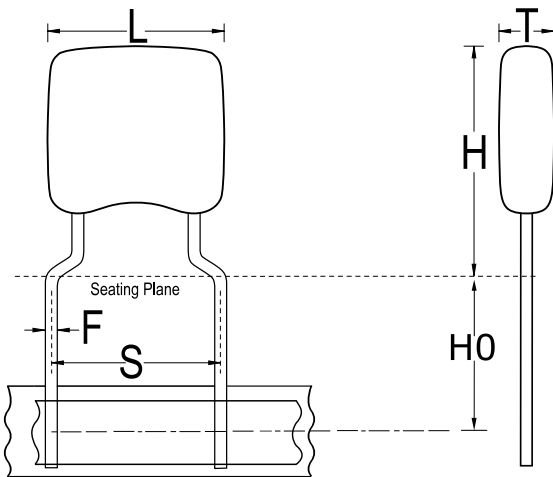


## C318C103K1R5TA7303

Aliases (C318C103K1R5TATR)

GoldMax 300 Comm X7R, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, GoldMax, Commercial Standard, 5.08 mm



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

### General Information

|              |                              |
|--------------|------------------------------|
| Series       | GoldMax 300 Comm X7R         |
| Style        | Radial                       |
| Description  | GoldMax, Commercial Standard |
| RoHS         | Yes                          |
| Termination  | Tin                          |
| Failure Rate | N/A                          |
| Halogen Free | Yes                          |

### Dimensions

|    |                      |
|----|----------------------|
| L  | 3.81mm MAX           |
| H  | 5.97mm MAX           |
| T  | 2.54mm MAX           |
| S  | 5.08mm +/-0.78mm     |
| H0 | 18mm MIN             |
| F  | 0.51mm +0.1/-0.025mm |

### Packaging Specifications

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

### Specifications

|                                                                    |                     |
|--------------------------------------------------------------------|---------------------|
| Capacitance                                                        | 0.01 uF             |
| Measurement Condition                                              | 1 kHz 1.0Vrms       |
| Tolerance                                                          | 10%                 |
| Voltage DC                                                         | 100 VDC             |
| Dielectric Withstanding Voltage                                    | 250 VDC             |
| Temperature Range                                                  | -55/+125°C          |
| Temp. 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 |
| Insulation Resistance                                              | 100 GOhms           |

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