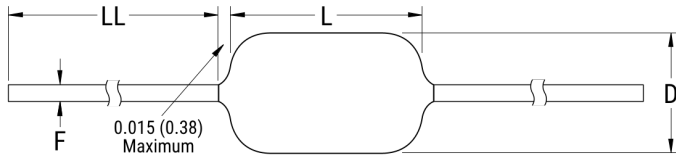


## C420C563K1R5TA

AxiMax 400 Comm X7R, Ceramic, 0.056 uF, 10%, 100 VDC, X7R, AxiMax, Commercial Standard



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

### Dimensions

|    |                        |
|----|------------------------|
| D  | 2.54mm MAX             |
| L  | 5.08mm MAX             |
| LL | 25.4mm MIN             |
| F  | 0.51mm +0.025/-0.076mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 300       |

### General Information

|              |                             |
|--------------|-----------------------------|
| Series       | AxiMax 400 Comm X7R         |
| Description  | AxiMax, Commercial Standard |
| RoHS         | Yes                         |
| Termination  | Tin                         |
| AEC-Q200     | No                          |
| Halogen Free | Yes                         |

### Specifications

|  |   |
|--|---|
| Capacitance  | 0.056 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% 1kHz 1.0Vrms                               |
| Aging Rate   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance  | 17.86 GOhms                                     |

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