



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

#### General Information

|              |                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------|
| Series       | AxiMax 400 Comm X7R                                                                                                          |
| Description  | AxiMax, Commercial Standard                                                                                                  |
| RoHS         | No                                                                                                                           |
| Prop 65      | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| Termination  | Lead (SnPb)                                                                                                                  |
| Lead         | Wire Leads                                                                                                                   |
| Failure Rate | N/A                                                                                                                          |
| AEC-Q200     | No                                                                                                                           |
| Halogen Free | Yes                                                                                                                          |

#### Specifications

|                                                                    |                                                 |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance                                                        | 1 uF                                            |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                   |
| Tolerance                                                          | 10%                                             |
| Voltage DC                                                         | 25 VDC                                          |
| Dielectric Withstanding Voltage                                    | 62.5 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                                                 | 3.5% 1 kHz 1.0Vrms                              |
| Aging Rate                                                         | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance                                              | 500 MOhms                                       |

#### Dimensions

|    |                        |
|----|------------------------|
| D  | 2.41mm MAX             |
| L  | 4.32mm MAX             |
| LL | 25.4mm MIN             |
| F  | 0.51mm +0.025/-0.076mm |

#### Packaging Specifications

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

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