



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

## General Information

|              |                             |
|--------------|-----------------------------|
| Series       | AxiMax 400 Comm X7R         |
| Description  | AxiMax, Commercial Standard |
| RoHS         | Yes                         |
| Termination  | Tin                         |
| Lead         | Wire Leads                  |
| Failure Rate | N/A                         |
| AEC-Q200     | No                          |
| Halogen Free | Yes                         |

## 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       |

## Specifications

|                                                                    |                                                 |
|--------------------------------------------------------------------|-------------------------------------------------|
| Capacitance                                                        | 0.1 uF                                          |
| Measurement Condition                                              | 1 kHz 1.0Vrms                                   |
| Tolerance                                                          | 20%                                             |
| Voltage DC                                                         | 50 VDC                                          |
| Dielectric Withstanding Voltage                                    | 125 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: Referee Time is 1000 Hours |
| Insulation Resistance                                              | 10 GOhms                                        |

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