



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 | 2.41mm MAX             |
| L | 4.32mm MAX             |
| F | 0.51mm +0.025/-0.076mm |
| B | 52.4mm +/-1.5mm        |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 305mm |
| Packaging Quantity | 5000       |

#### Specifications

|  |   |
|--|---|
| Capacitance  | 0.22 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  | 2.27 GOhms                                      |

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