



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

#### General Information

|                |                          |
|----------------|--------------------------|
| Series         | AxiMax 400 Auto X7R      |
| Description    | AxiMax, Automotive Grade |
| Features       | Automotive Grade         |
| RoHS           | Yes                      |
| Termination    | Tin                      |
| Lead           | Wire Leads               |
| Failure Rate   | N/A                      |
| Qualifications | AEC-Q200                 |
| AEC-Q200       | Yes                      |
| 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  | 0.1 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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