



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

**General Information**

|                |                            |
|----------------|----------------------------|
| Series         | AxiMax 400 Auto X8R HT150C |
| Description    | AxiMax, Automotive Grade   |
| Features       | Automotive Grade           |
| RoHS           | Yes                        |
| Termination    | Tin                        |
| Lead           | Wire Leads                 |
| Failure Rate   | N/A                        |
| Qualifications | AEC-Q200                   |
| Halogen Free   | Yes                        |

**Dimensions**

|    |                        |
|----|------------------------|
| D  | 3.81mm MAX             |
| L  | 6.1mm MAX              |
| LL | 25.4mm MIN             |
| F  | 0.51mm +0.025/-0.076mm |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 200       |

**Specifications**

|  |                     |
|--|---------------------|
| Capacitance  | 0.047 uF            |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 10%                 |
| Voltage DC   | 100 VDC             |
| Dielectric Withstanding Voltage                                    | 250 VDC             |
| Temperature Range  | -55/+150°C          |
| Temp. Coefficient  | X8R                 |
| 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   | 0% Loss/Decade Hour |
| Insulation Resistance  | 21.28 GOhms         |

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