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#### General Information

|                |                            |
|----------------|----------------------------|
| Series         | AxiMax 400 Auto X8L HT150C |
| 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  | 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  | 0.47 uF             |
| Measurement Condition  | 1 MHz 1.0Vrms       |
| Tolerance  | 10%                 |
| Voltage DC   | 50 VDC              |
| Dielectric Withstanding Voltage                                    | 125 VDC             |
| Temperature Range  | -55/+150°C          |
| Temp. Coefficient  | X8L                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms  |
| Dissipation Factor   | 2.5% 1 MHz 1.0Vrms  |
| Aging Rate   | 0% Loss/Decade Hour |
| Insulation Resistance  | 2.13 GOhms          |

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