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**General Information**

|                         |  |
|-------------------------|--|
| Series                  | LDD Mil X7R PRF39014   |
| Style                   | Radial   |
| RoHS                    | No   |
| Prop 65                 | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| SCIP Number             | 8c864fd1-202b-4ce7-85fd-56c9e19121ad   |
| Termination             | Lead (SnPb)  |
| Lead                    | Wire Leads   |
| Failure Rate            | S (0.001%/1000 Hrs)  |
| Testing and Reliability | MIL-PRF-39014  |
| Qualifications          | MIL-PRF-39014  |
| AEC-Q200                | No   |
| Notes                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk.    |

**Dimensions**

|    |                         |
|----|-------------------------|
| L  | 7.37mm +/-0.25mm        |
| H  | 7.37mm +/-0.25mm        |
| T  | 2.29mm +/-0.25mm        |
| S  | 5.08mm +/-0.38mm        |
| LL | 31.75mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |
| G  | 0.66mm MIN              |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 100       |

**Specifications**

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 0.47 uF    |
| Capacitance Tolerance           | 10%        |
| Voltage DC                      | 50 VDC     |
| Dielectric Withstanding Voltage | 125 VDC    |
| Temperature Range               | -55/+125°C |
| Temperature Coefficient         | BX         |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 2.1 GOhms  |

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