



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

#### General Information

|                         |  |
|-------------------------|--|
| Series                  | LDD Mil X7R PRF39014   |
| RoHS                    | No   |
| Prop 65                 | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number             | 132e61c0-5a2b-4355-a818-8e6ea80949b5   |
| Termination             | Lead (SnPb)  |
| Lead                    | Wire Leads   |
| Failure Rate            | R (0.01%/1000 Hrs)   |
| Testing and Reliability | MIL-PRF-39014  |
| Qualifications          | MIL-PRF-39014  |

#### Dimensions

|    |                  |
|----|------------------|
| D  | 6.35mm +/-0.38mm |
| L  | 12.7mm +/-0.51mm |
| LL | 31.75mm MIN      |
| F  | 0.64mm +/-0.05mm |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 305mm |
| Packaging Quantity | 500        |

#### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 0.68 uF    |
| Tolerance                       | 10%        |
| Voltage DC                      | 50 VDC     |
| Dielectric Withstanding Voltage | 125 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | X7R        |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 1.5 GOhms  |

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