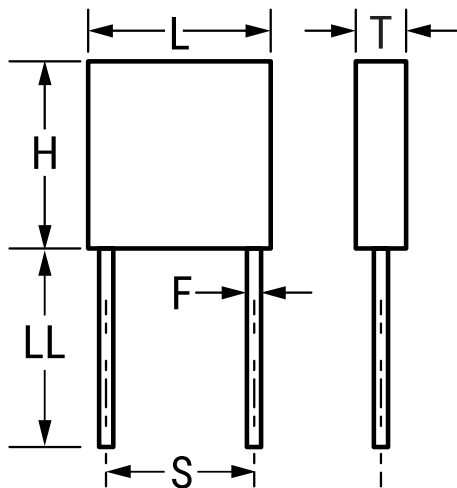




Click [here](#) for the 3D model.

#### General Information

|                         |                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Series                  | LDD Mil X7R PRF39014                                                                                                         |
| Style                   | Radial                                                                                                                       |
| 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             | 8c864fd1-202b-4ce7-85fd-56c9e19121ad                                                                                         |
| Termination             | Lead (SnPb)                                                                                                                  |
| Failure Rate            | R (0.01%/1000 Hrs)                                                                                                           |
| Testing and Reliability | MIL-PRF-39014                                                                                                                |
| Qualifications          | MIL-PRF-39014                                                                                                                |
| Notes                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk.    |

#### Specifications

|                                 |             |
|---------------------------------|-------------|
| Capacitance                     | 0.56 uF     |
| Tolerance                       | 10%         |
| Voltage DC                      | 50 VDC      |
| Dielectric Withstanding Voltage | 125 VDC     |
| Temperature Range               | -55/ +125°C |
| Temp. Coefficient               | BX          |
| Dissipation Factor              | 2.5%        |
| Insulation Resistance           | 1.8 GOhms   |

#### 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 |

#### Packaging Specifications

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