



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

#### General Information

|             |  |
|-------------|--|
| Series      | HV RAD-LDD Mil X7R HV 49467  |
| Style       | Radial   |
| Description | Radial Leaded Multilayer Ceramic Capacitor   |
| RoHS        | No   |
| Prop 65     | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| Termination | Copper   |
| Lead        | Wire Leads   |
| AEC-Q200    | No   |

#### Dimensions

|    |                         |
|----|-------------------------|
| L  | 6.35mm NOM              |
| H  | 5.59mm                  |
| T  | 5.08mm NOM              |
| S  | 4.32mm +/-0.762mm       |
| LL | 31.75mm NOM             |
| F  | 0.635mm +0.102/-0.051mm |

#### Packaging Specifications

|                    |    |
|--------------------|----|
| Packaging Quantity | 28 |
|--------------------|----|

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 8200 pF             |
| Capacitance Tolerance  | 10%                 |
| Voltage DC   | 500 VDC             |
| Dielectric Withstanding Voltage                                    | 750 VDC             |
| Temperature Range  | -55/+125°C          |
| Temperature Coefficient  | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C            |
| Dissipation Factor   | 2.5%                |
| Aging Rate   | 2% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

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