



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

**General Information**

|                |                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------|
| Series         | HV RAD-LDD Indust X7R HVHT200C                                                                                               |
| Style          | Radial                                                                                                                       |
| Description    | Commercial, High Temperature, High Voltage                                                                                   |
| Features       | Commercial                                                                                                                   |
| 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    | ef26097b-3862-4ee0-b0ad-404a563ece0f                                                                                         |
| Termination    | Nickel                                                                                                                       |
| Lead           | Wire Leads                                                                                                                   |
| Qualifications | MIL-PRF-49467 Group A                                                                                                        |
| AEC-Q200       | No                                                                                                                           |

**Dimensions**

|    |                         |
|----|-------------------------|
| L  | 15.75mm MAX             |
| H  | 12.7mm MAX              |
| T  | 7.62mm MAX              |
| S  | 12.7mm +/-0.762mm       |
| LL | 31.75mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |

**Packaging Specifications**

|                    |              |
|--------------------|--------------|
| Packaging          | Waffle, Tray |
| Packaging Quantity | 20           |

**Specifications**

|                                                                    |                     |
|--------------------------------------------------------------------|---------------------|
| Capacitance                                                        | 0.1 uF              |
| Capacitance Tolerance                                              | 10%                 |
| Voltage DC                                                         | 500 VDC             |
| Dielectric Withstanding Voltage                                    | 750 VDC             |
| Temperature Range                                                  | -55/+200°C          |
| Temperature Coefficient                                            | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms   |
| Dissipation Factor                                                 | 2.5% 1 kHz 1.0Vrms  |
| Aging Rate                                                         | 0% Loss/Decade Hour |
| Insulation Resistance                                              | 100 GOhms           |

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