



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

#### General Information

|             |  |
|-------------|--|
| Series      | HV RAD-LDD Indust X7R HV   |
| 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> |
| SCIP Number | ef26097b-3862-4ee0-b0ad-404a563ece0f   |
| Termination | Nickel   |
| Lead        | Wire Leads   |
| AEC-Q200    | No   |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 0.47 uF             |
| Tolerance  | 10%                 |
| Voltage DC   | 500 VDC             |
| Dielectric Withstanding Voltage                                    | 750 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. 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   | 2% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

#### Dimensions

|    |                         |
|----|-------------------------|
| L  | 11.94mm MAX             |
| H  | 10.16mm MAX             |
| T  | 6.89mm MAX              |
| S  | 9.53mm +/-0.762mm       |
| LL | 31.75mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |

#### Packaging Specifications

|                    |              |
|--------------------|--------------|
| Packaging          | Waffle, Tray |
| Packaging Quantity | 28           |

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