



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

General Information

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| Series | HV RAD-LDD Indust X7R HV |
| Style | Radial |
| Description | Radial Leaded Multilayer Ceramic Capactor |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | ef26097b-3862-4ee0-b0ad-404a563ece0f |
| Termination | Copper |
| Lead | Wire Leads |
| Testing and Reliability | MIL-PRF-49467 Group A |
| Qualifications | MIL-PRF-49467 Group A |
| AEC-Q200 | No |

Dimensions

| | |
|----|-------------------------|
| L | 8.13mm MAX |
| H | 7.11mm MAX |
| T | 6.35mm MAX |
| S | 5.59mm +/-0.762mm |
| LL | 31.75mm MIN |
| F | 0.635mm +0.102/-0.051mm |

Packaging Specifications

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

Specifications

| | |
|--|---------------------|
| Capacitance | 0.1 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% 1kHz 1.0Vrms |
| Aging Rate | 2% Loss/Decade Hour |
| Insulation Resistance | 100 GOhms |

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