



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

### Dimensions

|    |                         |
|----|-------------------------|
| L  | 8.13mm MAX              |
| H  | 7.62mm MAX              |
| T  | 6.35mm MAX              |
| S  | 5.08mm +/-0.762mm       |
| LL | 3.175mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |

### Packaging Specifications

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

### General Information

|              |                                      |
|--------------|--------------------------------------|
| Series       | HV RAD-LDD Indust X7R HVHT200C       |
| Style        | Radial                               |
| Description  | Commercial, High Voltage             |
| Features     | Commercial                           |
| RoHS         | With Exemptions                      |
| REACH        | SVHC (Pb - CAS 7439-92-1)            |
| SCIP Number  | ef26097b-3862-4ee0-b0ad-404a563ece0f |
| Termination  | Nickel                               |
| Failure Rate | N/A                                  |
| AEC-Q200     | No                                   |

### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 6800 pF             |
| Capacitance Tolerance  | 10%                 |
| Voltage DC   | 2000 VDC            |
| Dielectric Withstanding Voltage                                    | 5000 VDC            |
| Temperature Range  | -55/+200°C          |
| Temperature Coefficient  | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15%/-40%           |
| Dissipation Factor   | 2%                  |
| Aging Rate   | 2% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

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