

## 05HV10N102KN

HV RAD-LDD Indust COG HVHT200C, Ceramic, 1,000 pF, 10%, 500 VDC, COG, Commercial, High Temperature, HighVoltage, 4.32 mm



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

### General Information

|                |  |
|----------------|--|
| Series         | HV RAD-LDD Indust COG HVHT200C   |
| Style          | Radial   |
| Description    | Commercial, High Temperature, HighVoltage  |
| 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  | 6.35mm MAX              |
| H  | 5.59mm MAX              |
| T  | 3.81mm MAX              |
| S  | 4.32mm +/-0.762mm       |
| LL | 31.75mm MIN             |
| F  | 0.635mm +0.102/-0.051mm |

### Packaging Specifications

|                    |              |
|--------------------|--------------|
| Packaging          | Waffle, Tray |
| Packaging Quantity | 56           |

### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 1,000 pF               |
| Tolerance  | 10%                    |
| Voltage DC   | 500 VDC                |
| Dielectric Withstanding Voltage                                    | 750 VDC                |
| Temperature Range  | -55/+200°C             |
| Temp. Coefficient  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.15% 1 kHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 100 GOhms              |

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