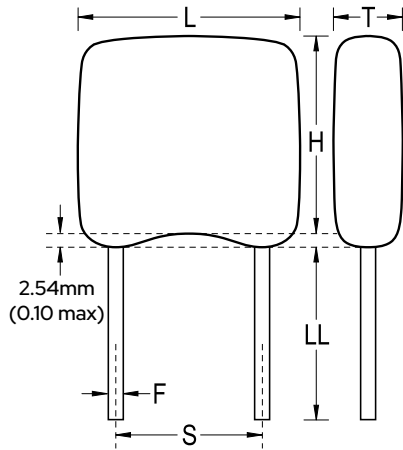


## 30HV14B103KN

HV RAD-LDD Indust X7R HVHT200C, Ceramic, 0.01 uF, 10%, 3,000 VDC, X7R, Commercial, High Temperature, High Voltage, 12.7 mm



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  | 0.01 uF             |
| Tolerance  | 10%                 |
| Voltage DC   | 3000 VDC            |
| Dielectric Withstanding Voltage                                    | 3,600 VDC           |
| Temperature Range  | -55/+200°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   | 0% Loss/Decade Hour |
| Insulation Resistance  | 100 GOhms           |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.