

## 20HV22B102KN

Aliases (20HV22B102K)

HV RAD-LDD Indust X7R HV, Ceramic, 1000 pF, 10%, 2000 VDC, X7R, Commercial, High Voltage, Lead Spacing = 6.99mm



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

### Dimensions

|    |                         |
|----|-------------------------|
| L  | 9.4mm MAX               |
| H  | 7.62mm MAX              |
| T  | 6.35mm MAX              |
| S  | 6.99mm +/-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 HV             |
| 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                     | 1000 pF             |
| Capacitance Tolerance           | 10%                 |
| Voltage DC                      | 2000 VDC            |
| Dielectric Withstanding Voltage | 2400 VDC            |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | X7R                 |
| Dissipation Factor              | 2%                  |
| Aging Rate                      | 2% Loss/Decade Hour |
| Insulation Resistance           | 100 GOhms           |

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