



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

Dimensions

| | |
|----|-------------------------|
| L | 19.56mm NOM |
| H | 18.29mm NOM |
| T | 6.89mm NOM |
| S | 17.15mm NOM |
| LL | 3.175mm MIN |
| F | 0.635mm +0.102/-0.051mm |

Packaging Specifications

| | |
|--------------------|--------------|
| Packaging | Waffle, Tray |
| Packaging Quantity | 20 |

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) |
| Termination | Nickel |
| Failure Rate | N/A |
| Testing and Reliability | NULL |
| AEC-Q200 | No |

Specifications

| | |
|--|---------------------|
| Capacitance | 0.01 uF |
| Capacitance Tolerance | -20/+80% |
| Voltage DC | 5000 VDC |
| Dielectric Withstanding Voltage | 6000 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15% |
| Dissipation Factor | 2% |
| Aging Rate | 2% Loss/Decade Hour |
| Insulation Resistance | 10 GOhms |