



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

| General Information | |
|-------------------------|--|
| Series | HS RAD-LDD Space X7R HV |
| Style | Radial |
| Description | Space Grade, High Voltage |
| Features | High Voltage Coupling |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| Lead | Wire Leads |
| Failure Rate | N/A |
| Testing and Reliability | CSAM Burn-in |
| AEC-Q200 | No |

| Dimensions | |
|--------------------------|-------------------------|
| L | 8.13mm MAX |
| H | 7.11mm MAX |
| T | 6.35mm MAX |
| S | 5.59mm +/-0.762mm |
| LL | 31.75mm MIN |
| F | 0.635mm +0.102/-0.051mm |
| Packaging Specifications | |
| Packaging | Waffle |
| Packaging Quantity | 28 |

| Specifications | |
|--|--------------------|
| Capacitance | 0.015 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+125°C |
| Temperature 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 |
| Insulation Resistance | 66.6667 GOhms |

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