



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	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
Lead	Wire Leads
Failure Rate	N/A
Testing and Reliability	CSAM
AEC-Q200	No

## Specifications

Capacitance	0.012 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	83.3333 GOhms

## Dimensions

L	11.94mm MAX
H	10.16mm MAX
T	6.89mm MAX
S	9.53mm +/-0.762mm
LL	31.75mm MIN
F	0.635mm +0.102/-0.051mm

## Packaging Specifications

Packaging	Waffle
Packaging Quantity	20

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.