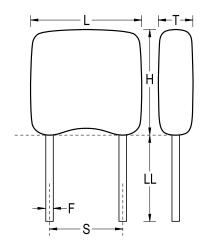


10HV16B182KNM

HV RAD-LDD Indust X7R HVHT200C, Ceramic, 1800 pF, 10%, 1000 VDC, X7R, Commercial, High Voltage, 17.78mm



Click here for the 3D model.

| Dimensions | |
|------------|-------------------------|
| L | 20.83mm MAX |
| н | 17.78mm MAX |
| т | 8.89mm MAX |
| S | 17.78mm +/-0.762mm |
| LL | 3.175mm MIN |
| F | 0.635mm +0.102/-0.051mm |
| | |

| Packaging Specifications | |
|--------------------------|--------|
| Packaging | Waffle |
| Packaging Quantity | 20 |

| General Information | |
|---------------------|-----------------------------------|
| Series | HV RAD-LDD Indust X7R HVHT200C |
| Style | Radial |
| Description | Commercial, High Voltage |
| Features | Commercial |
| RoHS | With Exemptions |
| REACH | SVHC (Pb - CAS 7439-92-1) |
| Termination | Nickel |
| Lead | Wire Leads |
| Failure Rate | N/A |
| AEC-Q200 | No |

| Specifications | |
|--|---------------------|
| Capacitance | 1800 pF |
| Capacitance Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 2500 VDC |
| Temperature Range | -55/+200°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15%/-40% |
| Dissipation Factor | 2% |
| Aging Rate | 2% 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.