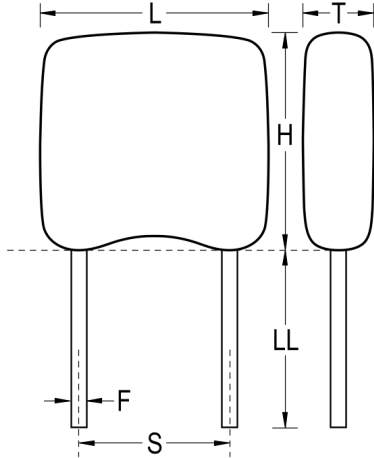


HP06CB105KN

Aliases (HP06CB105K, HP06CW105KN)

HP LDD Indust X7R HT200C, Ceramic, 1 uF, 10%, 100 VDC, X7R, High Temperature, Lead Spacing = 5.08mm



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

| Dimensions | |
|------------|-------------------------|
| L | 7.62mm MAX |
| H | 7.62mm MAX |
| T | 3.81mm MAX |
| S | 5.08mm +/-0.762mm |
| LL | 3.175mm MIN |
| F | 0.635mm +0.102/-0.051mm |

| Packaging Specifications | |
|--------------------------|--------------|
| Packaging | Waffle, Tray |
| Packaging Quantity | 28 |

| General Information | |
|---------------------|--|
| Series | HP LDD Indust X7R HT200C |
| Style | Radial |
| Description | High Temperature |
| Features | LDD High Temperature 200C |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| Termination | Nickel |
| Failure Rate | N/A |
| AEC-Q200 | No |

| Specifications | |
|--|-------------------------|
| Capacitance | 1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+200°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15%/-40%, 1kHz 1.0Vrms |
| Dissipation Factor | 2% 1kHz 1.0Vrms |
| Insulation Resistance | 1 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.