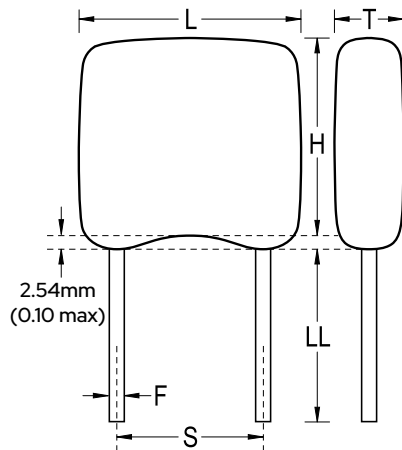


## HP09DB105KN

Aliases (HP09DB105K, HP09DW105KN)

HP LDD Indust X7R HT200C, Ceramic, 1 uF, 10%, 200 VDC, X7R, High Temperature, 12.7 mm



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

### General Information

Series	HP LDD Indust X7R HT200C
Style	Radial
Description	High Temperature
Features	LDD High Temperature 200C
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	bf6a1307-d7a0-4f9d-aab0-ab892fbcccd4
Termination	Nickel
Lead	Wire Leads
Failure Rate	N/A
AEC-Q200	No

### Specifications

Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+200°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor	2% 1 kHz 1.0Vrms
Insulation Resistance	1 GOhms

### Dimensions

L	17.78mm MAX
H	10.16mm MAX
T	5.08mm MAX
S	12.7mm +/-0.762mm
LL	31.75mm MIN
F	0.635mm +0.102/-0.051mm

### Packaging Specifications

Packaging	Waffle, Tray
Packaging Quantity	20

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