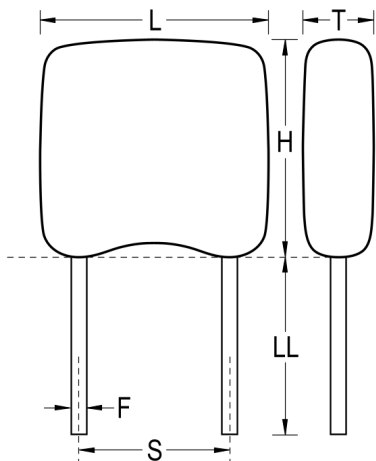


## HP06CN682KN

Aliases (HP06CN682K)

HP LDD Indust COG HT200C, Ceramic, 6800 pF, 10%, 100 VDC, COG, 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 COG HT200C
Style	Radial
Description	High Temperature
Features	LDD High Temperature 200C
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
SCIP Number	bf6a1307-d7a0-4f9d-aab0-ab892fbcccd4
Termination	Nickel
Failure Rate	N/A
AEC-Q200	No

### Specifications

Capacitance	6800 pF
Measurement Condition	1kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+200°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	±30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.15% 1kHz 1.0Vrms
Insulation Resistance	100 GOhms