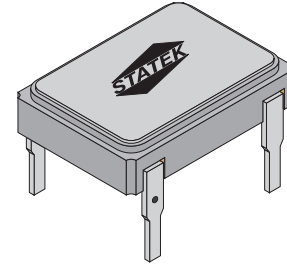


DESCRIPTION

An increasing number of military applications require the use of leaded (through hole) ceramic packaged oscillators. For these applications, Statek offers the LHGAT 5x7mm oscillator. This oscillator is designed to operate over a temperature range of -55°C to 125°C with high shock survivability.



FEATURES

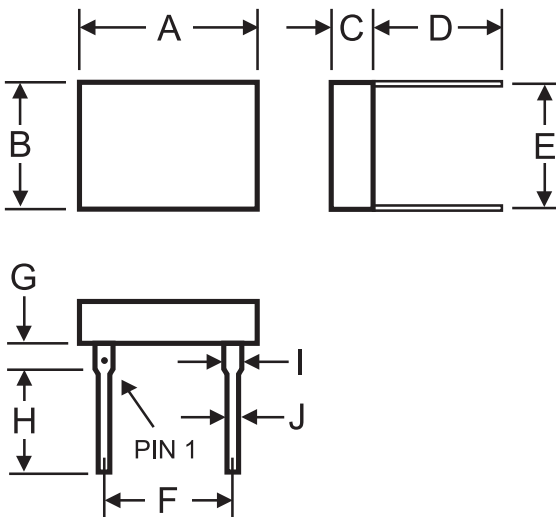
- Full military testing available
- Excellent stability over temperature
- High shock resistance
- CMOS output / output enable/disable
- Double hermetically sealed package option
- Hermetically sealed ceramic package - 5x7mm
- Through-hole leaded package
- Reduces mechanical and thermal mounting stresses
- Robust lead-attach eutectic brazing process
- Gold Plated Kovar Leads

APPLICATIONS

Military and Aerospace

- Navigation / Communications
- Avionics applications
- Flight recorder
- Engine control

PACKAGE DIMENSIONS LHGAT



PIN CONNECTIONS

1. Enable/Disable (E) or No Connection (N)
2. Ground
3. Output
4. V_{DD}

DIMENSIONS

DIM	TYPICAL		MAX	
	inches	mm	inches	mm
A	0.276	7.00	.281	7.14
B	0.197	5.00	.202	5.13
C	0.065	1.65	.070	1.78
D	0.200	5.08	.205	5.20
E	0.195	4.90	.205	5.20
F	0.200	5.08	.205	5.20
G	0.040	1.02	—	—
H	0.160	4.06	—	—
I	0.028	0.71	—	—
J	0.018	0.46	0.021	0.53

Lead Thickness: 0.008 ±0.001 (0.20mm ±0.03)
Lead Plating: Gold/Nickel over Kovar