

DESCRIPTION

An increasing number of high temperature applications require the use of leaded (through hole) packaged oscillators. For these applications, Statek offers the SQXO2ATHG oscillator. These oscillators are designed to operate at temperatures up to 200°C with high shock survivability.

FEATURES

- High temperature operation up to 200°C
- Excellent stability over temperature
- High shock resistance
- CMOS output
- Through-hole leaded package
- Reduces mechanical and thermal mounting stresses
- Robust TO-39 package
- 32.768 kHz option available
 - Low current (500 μ A at 25°C)
 - Fast start-up (0.8 ms typical)
- RoHS compliant

APPLICATIONS

Industrial, Computer & Communications

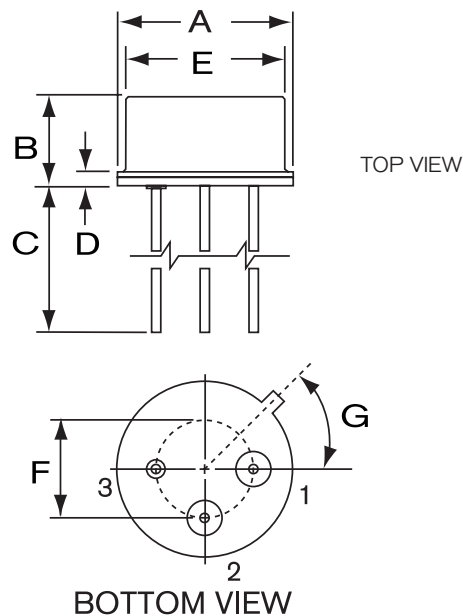
- Downhole instrumentation
- Rotary shaft sensors
- Underground boring tools
- Avionics applications

PIN CONNECTIONS

1. V_{DD}
2. Output
3. Ground



PACKAGE DIMENSIONS



DIM	inches	mm
A	0.380 MAX.	9.65 MAX.
B	0.185 MAX.	4.70 MAX.
C	0.500 MIN.	12.70 MIN.
D	0.029	0.74
E	0.326 MAX.	8.28 MAX.
F	0.200 REF.	5.08 REF.
G	45°	45°

Note:

1. All metal parts gold plated
2. Leads are 0.019 in.[0.48mm] MAX.
3. Leads are gold plated (SM1 termination)