

DESCRIPTION

The DQXO-3 oscillator has very high accuracy, stability and low current. The design consists of a CMOS-compatible hybrid circuit, packaged in a hermetically sealed standard TO-39 metal package. Permanent, precision tuning of the oscillator allows for very tight calibration tolerance and eliminates the need for a trimming capacitor, a major source of long-term frequency drift. The specifications and characteristics of the DQXO-3 vary with frequency. The characteristics of the 400Hz model are presented in this data sheet.



*Consult factory for other frequencies.

FEATURES

- Very low power consumption
- Low aging
- CMOS compatible
- Full military testing available
- Multiple frequency output available (6-pin TO-5 package)
- Designed and manufactured in the USA

APPLICATIONS

Industrial, Computer & Communications

- General purpose clock oscillator
- Remote data timers

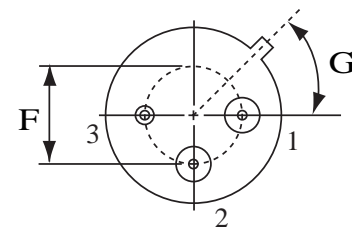
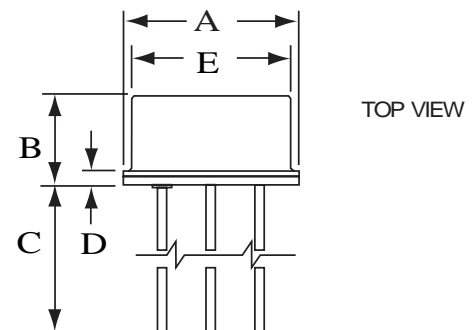
Military & Aerospace

- Process controllers
- Repeat cycle timers
- Tone generators
- Airborne hybrid computer
- Flight recorder

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.

