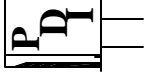




Precision Devices, Inc.

8840 N. Greenview Dr.
Middleton, WI 53562
Phone: 608-831-4445
1-800-274-XTAL
Fax: 608-831-3343



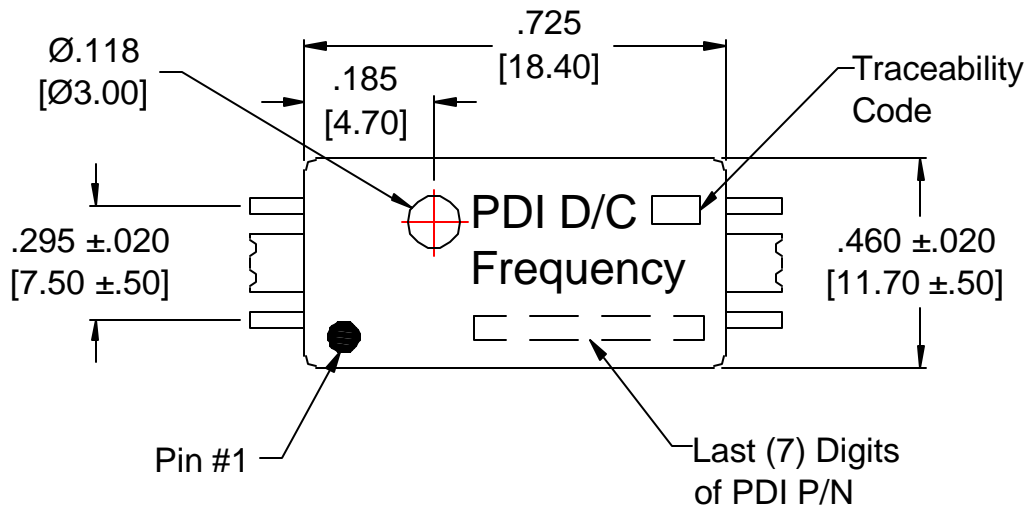
Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

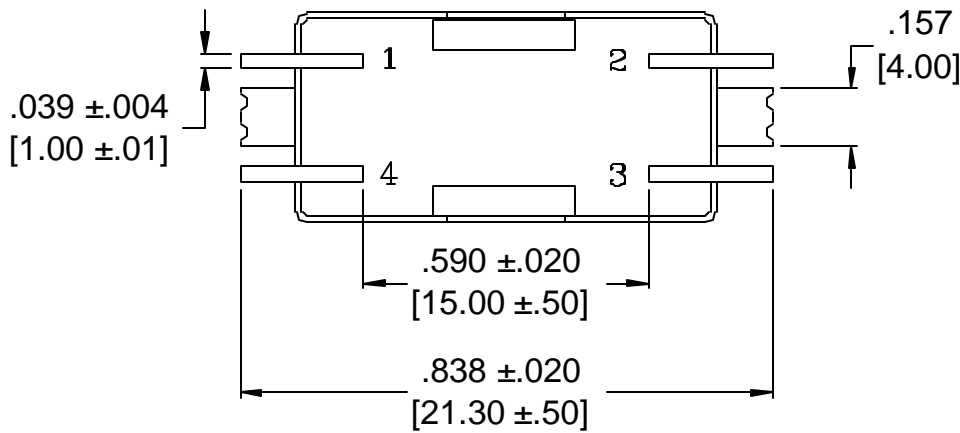
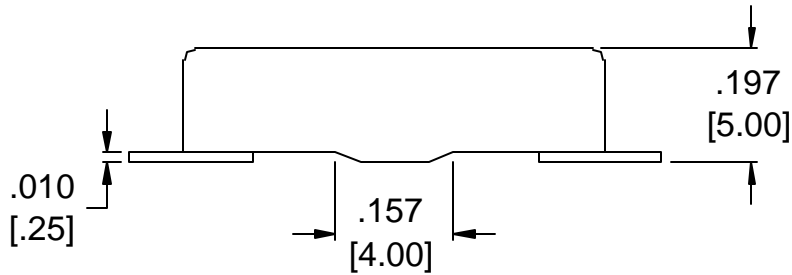
Electrical Specifications

- Center Frequency: 23.100000 MHz
- Supply Voltage: +3.3Vdc±5%
- Supply Current: 3mA Max.
- Tolerance @ +25°C: ±1.0ppm
- Frequency Stability: ±2.0ppm
- Output Waveform: 0.7V Pk-Pk Sinewave Min.
- Load: 5pF±10%/10K Ohms±10%
- Aging: 5ppm/10 years (Long Term)
- Spurious: -60dBc Max., -50dBc during vibration
- Operating Temperature: -55°C to +85°C
- Storage Temperature: -65°C to +85°C
- Phase Noise: 1Hz Offset -47dBc/Hz Max.
10Hz Offset -82dBc/Hz Max.
100Hz Offset -112dBc/Hz Max.
1KHz Offset -132dBc/Hz Max.
10KHz Offset -142dBc/Hz Max.
100KHz Offset -147dBc/Hz Max.
- Harmonics: The 2nd harmonics must be less than -15 decibel relative to carrier (dBc) Min.
- Cold Temperature Start-up: After an extended cold soak at -55°C with no power applied, the part shall start up and run with the application of power.

REV.	DATE	PAGE	DESCRIPTION	ECN	FOR PRELIMINARY USE ONLY Specifications subject to change without notice.	
					TITLE Temperature Controlled Crystal Oscillator	FKA 18369
					PART NUMBER TC2623100XWLEXX	
					DATE 4/8/09	SCALE N.T.S.
					REV. N/A	REV. N/A
					SIZE A	CAGE 0S4G1
					Page 1 of 2	

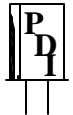


Pin	Connection
1	No Connect
2	Ground
3	Output
4	Supply



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 18369	PART NUMBER TC2623100XWLEXX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 23.100000 MHZ	DRAWN BY J.Lawinger
ANGULAR XX=±2°	DRAWING TYPE Temperature Controlled Crystal Oscillator		DATE 4/8/09
	REV. LEVEL N/A	ECN NO. N/A	CAGE CODE 0S4G1