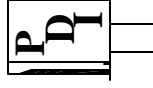


Precision Devices, Inc.

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



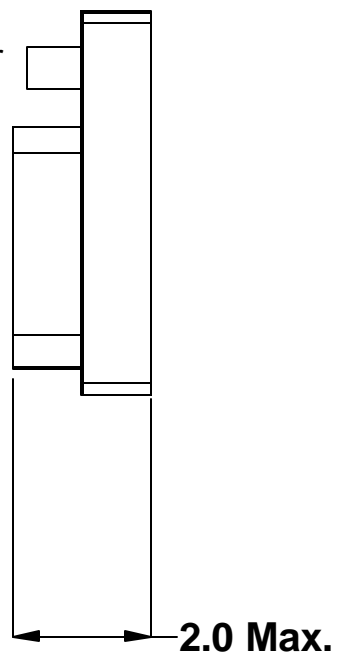
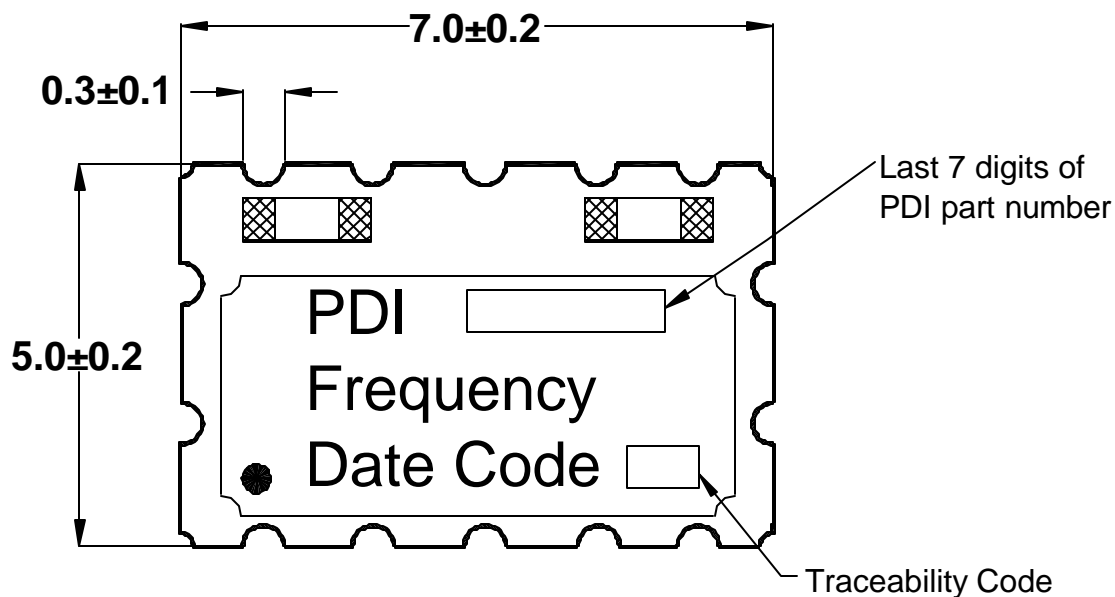
Vist our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

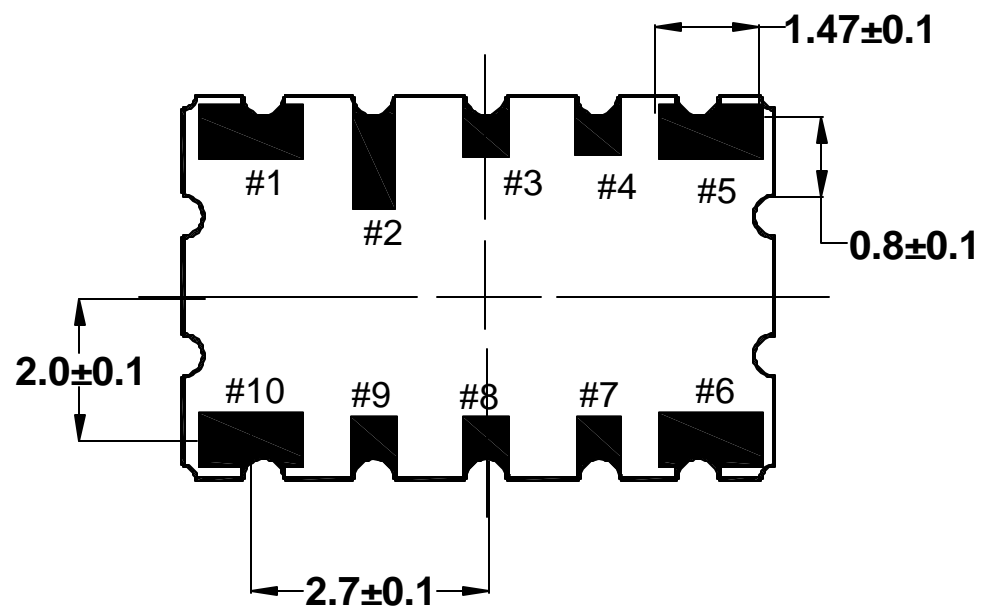
Electrical Specifications

- Center Frequency: 20.000000 MHz
- Output: Clipped Sine
- Output Load: 10K Ohms//10pF
- Output Voltage: 0.8V Min. (peak to peak)
- Frequency Stability: vs Tolerance @25°C: ±1.0ppm
vs Temperature: ±0.5ppm
vs Supply Voltage: ±0.2ppm
vs Aging: ±1ppm/year
- Operating Temperature: 0°C to +70°C
- Supply Voltage: +5.0Vdc±10%
- Supply Current: 2.5mA Max.
- Pullability: ±5ppm Min.
- Control Voltage: +1.5V±1.0V
- Phase Noise: @ 100Hz offset: -115dBc/Hz
@ 1kHz offset: -135dBc/Hz
@ 10kHz offset: -148dBc/Hz

REV.	DATE	PAGE	DESCRIPTION	ECN	Originator	Date	Engineering	Date
					J.L.	3/2/10	C.H.	3/2/10
					TITLE Temperature Controlled Crystal Oscillator		FKA 18364	
					PART NUMBER TV0720000XWLAXX			
					DATE	SCALE	ECN.	REV.
					3/2/10	N.T.S.		A
					SIZE	CAGE		
					A	0S4G1		Page 1 of 2



Pin	Connection
1	V Control
2	NO Connect
3	No Connect
4	No Connect
5	Ground
6	Output
7	No Connect
8	No Connect
9	No Connect
10	Supply



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 18364	PART NUMBER TV0720000XWLAXX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 20.000000 MHz	DRAWN BY J.Lawinger
ANGULAR XX=±2°	DRAWING TYPE Temperature Controlled Crystal Oscillator		DATE 3/2/10
	REV. LEVEL A	ECN NO.	CAGE CODE 0S4G1