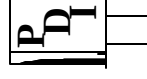


Precision Devices, Inc.

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



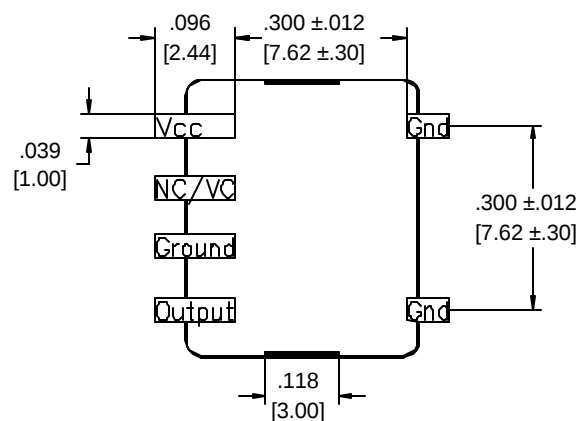
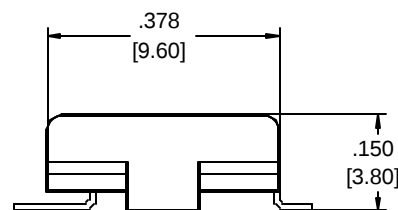
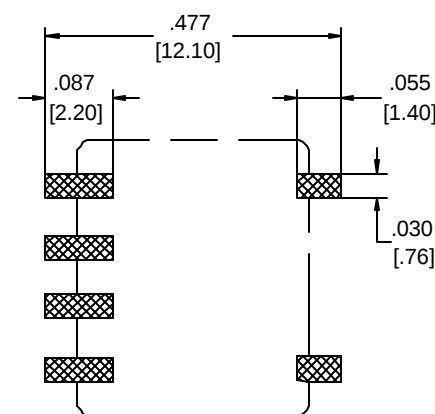
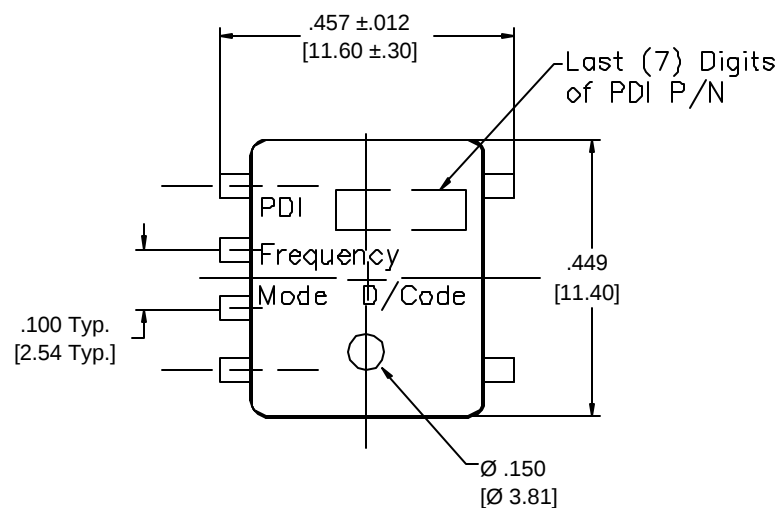
Visit our web site at www.pdixtal.com Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 10.000000 MHz
2. Output: Clipped Sinewave
3. Frequency Stability over Temperature: $\pm 1\text{ppm}$ over 0°C to $+50^{\circ}\text{C}$
4. Operating Temperature Range: 0°C to $+50^{\circ}\text{C}$
5. Initial Frequency Tolerance ($+25^{\circ}\text{C} \pm 2^{\circ}\text{C}$): $\pm 1\text{ppm}$ via mechanical adjust
6. Frequency Stability vs Supply Voltage: $\pm 0.2\text{ppm}/+5\text{Vdc} \pm 5\%$
7. Output Level: 1Vpk-pk minimum
8. Output Load: 10K Ohms in parallel with 10pF
9. Supply Voltage: $+5.0\text{Vdc} \pm 5\%$ @ 25mA maximum
10. Phase Noise:
 - @ 10Hz offset: -110dBc/Hz
 - @ 100Hz offset: -140dBc/Hz
 - @ 1.0KHz offset: -143dBc/Hz
 - @ 100KHz offset: -145dBc/Hz

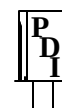
The information contained in this drawing is the sole property of Precision Devices Inc. Any reproduction in part or as a whole without the written permission of Precision Devices Inc. is prohibited.

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	FOR PRELIMINARY USE ONLY Specifications subject to change without notice.				
						TITLE		FKA	17998	
						Temp. Compensated Crystal Oscillator				
						PART NUMBER TC3210000XWLLXX				
						DATE	SCALE	ECN.	REV.	
						11/9/06	N.T.S.	N/A	N/A	
						SIZE	A	CAGE	OS4G1	Page 1 of 2



Precision Devices Inc.

8840 N. Greenview Dr.
Middleton WI 53562
608-831-4445
1-800-274-XTAL



Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	17998	TC3210000XWLLXX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	10.000000MHz	D. Baumgarten
ANGULAR	DRAWING TYPE	DATE	
XX=±2°	Temperature Compensated Crystal Oscillator	11/9/06	
	REV. LEVEL	ECN NO.	CAGE CODE
	N/A	N/A	OS4G1

Page 2 of 2