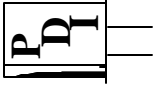
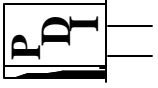


# Precision Devices, Inc.



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



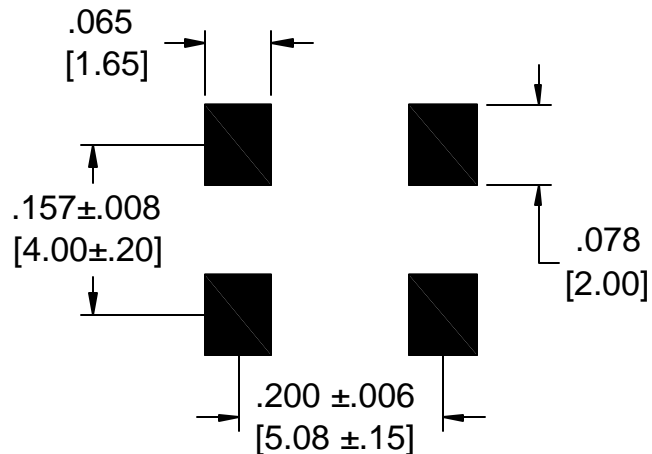
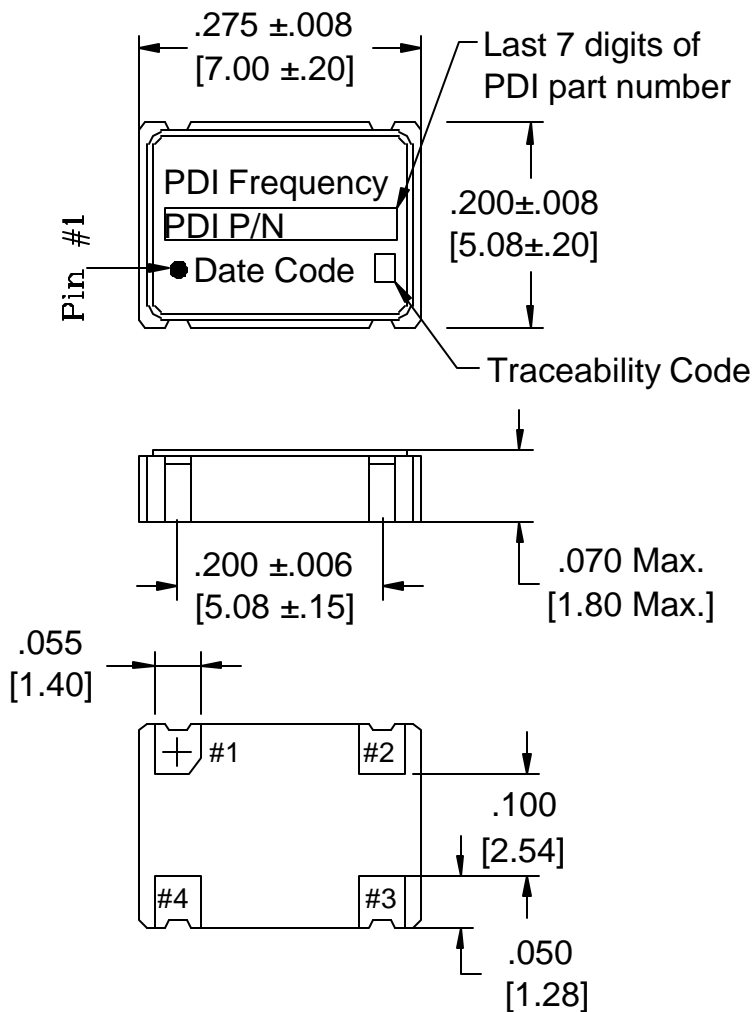
Visit our web site at [www.pdixtal.com](http://www.pdixtal.com)

Sales Information [sales@pdixtal.com](mailto:sales@pdixtal.com)

## Electrical Specifications

1. Center Frequency: 53.000000 MHz
2. Output: Squarewave
3. Frequency Stability:  $\pm 50$ ppm (Includes temperature, voltage load, environmental, and frequency tolerance at  $+25^{\circ}\text{C}$ )
4. Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
5. Storage Temperature Range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
6. Duty Cycle: 40/60% Maximum
7. T-Rise, T-Fall: 6.0ns Maximum
8. Supply Current: 25mA Maximum
9. Output Voltage: Logic 1: 2.8Vdc Minimum  
 Logic 2: 4Vdc Maximum
10. Supply Current:  $+3.3\text{Vdc} \pm 10\%$
11. Aging:  $\pm 10$ ppm Maximum

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	FOR PRELIMINARY USE ONLY Specifications subject to change without notice.			
						TITLE	FKA	2773	
						Ceramic Crystal Oscillator Assembly			
						PART NUMBER <b>OC7E53000XCDDXX</b>			
						DATE	SCALE	ECN.	REV.
						2/7/08	N.T.S.	N/A	N/A
						SIZE	CAGE	Page 1 of 2	
						A	0S4G1		



### Recommended Land Pattern

PIN	Connection
1	Enable/Disable
2	Ground
3	Output
4	Vcc



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE <b>2773</b>		PART NUMBER <b>OC7E53000XCCDXX</b>	
	SCALE <b>N.T.S.</b>	FREQUENCY <b>53.000000 MHz</b>		DRAWN BY <b>J.Lawinger</b>
METRIC XX=±.50 XXX=±.20	DRAWING TYPE Ceramic Crystal Oscillator Assembly			DATE <b>2/7/08</b>
	ANGULAR XX=±2°	REV. LEVEL <b>N/A</b>	ECN NO. <b>N/A</b>	CAGE CODE <b>0S4G1</b>