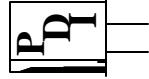
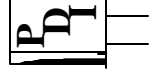


# Precision Devices, Inc.



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)

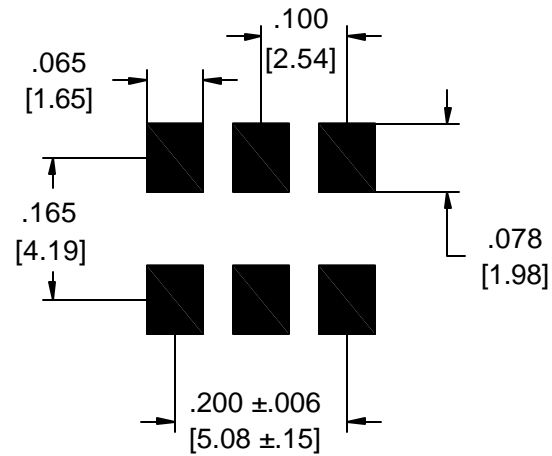
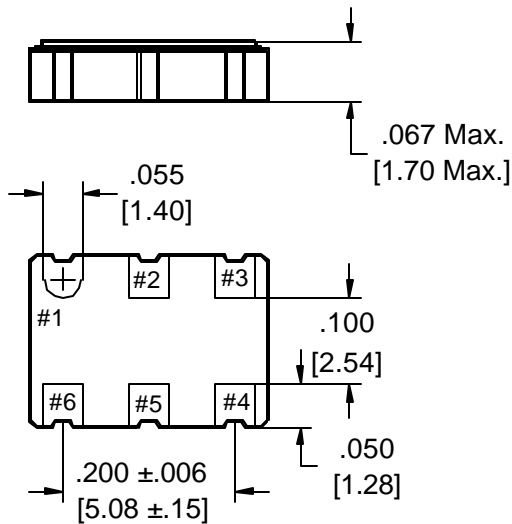
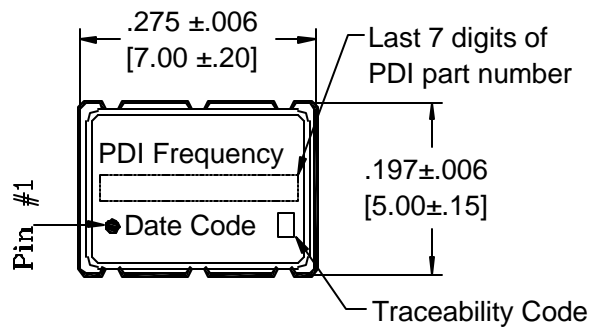
Sales Information [sales@pdixtal.com](mailto:sales@pdixtal.com)

## Electrical Specifications

1. Center Frequency: 125.000000 MHz
2. Output: LVDS
3. Frequency Tolerance: See Note 5
4. Operating Temperature Range: -40°C to +85°C
5. Frequency Stability over Temperature:  $\pm 25$ ppm (All Inclusive @ 25°C, and 20 years of Aging)
6. Storage Temperature Range: -55°C to +125°C
7. Supply Voltage: +2.5Vdc  $\pm 5\%$
8. Supply Current: 40mA Max.
9. Jitter: 1pS RMS Max., from 12KHz to 20MHz from carrier
10. T-Rise/T-Fall: 700pS Max.
11. Output Swing: 250mV Min., 450mV Max., ref 80/20% waveform
12. Duty Cycle: 45/55% ref 50% waveform
13. Start up Time: 10mS Max.
14. Enable Pin1 with internal pull-up:
  - Enable = CMOS Logic "1" (80%Vcc Min.), or N/C
  - Disable = CMOS Logic "0" (20%Vcc Max.), or Ground

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
						LVDS Crystal Oscillator Assembly 6387	
						PART NUMBER <b>LV07C12500EBDXX</b>	
						DATE	SCALE
						5/21/07	N.T.S.
						ECN.	REV.
						N/A	N/A
						SIZE	CAGE
						A	OS4G1
						Page 1 of 2	



Recommended Land Pattern

PIN	CONNECTION
1	Output/Enable
2	No Connect
3	Ground
4	Output
5	Output
6	Vcc

# Precision Devices Inc.

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



Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE <b>6387</b>	PART NUMBER <b>LV07C12500EBDXX</b>	
METRIC XX=±.50 XXX=±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>125.000000 MHz</b>	DRAWN BY <b>J.Lawinger</b>
ANGULAR XX=±2°	REV. LEVEL <b>N/A</b>	ECN NO. <b>N/A</b>	DATE <b>5/21/07</b>
		CAGE CODE <b>OS4G1</b>	<b>Page 2 of 2</b>