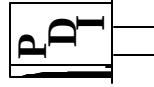
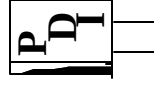


Precision Devices, Inc.



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

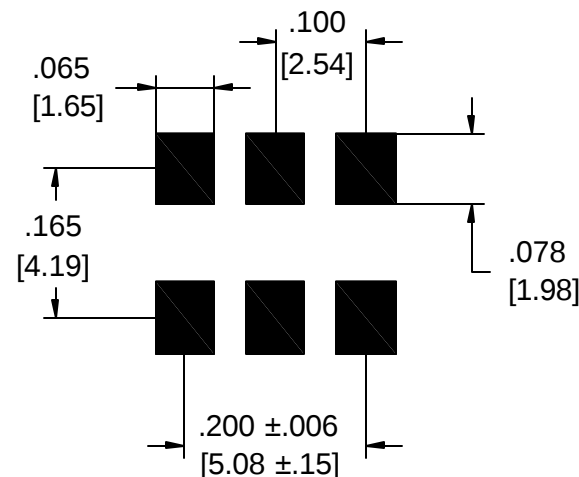
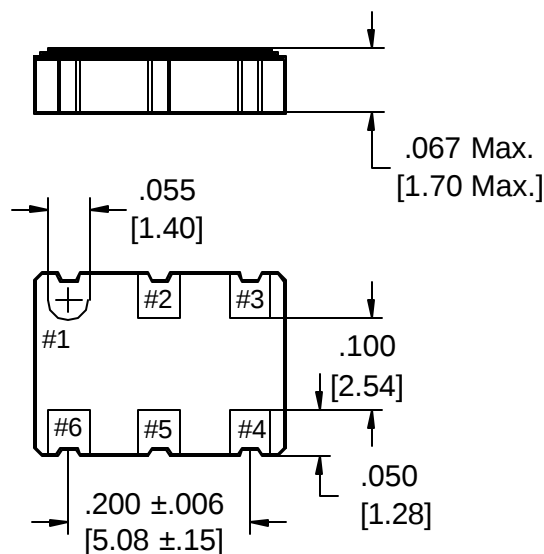
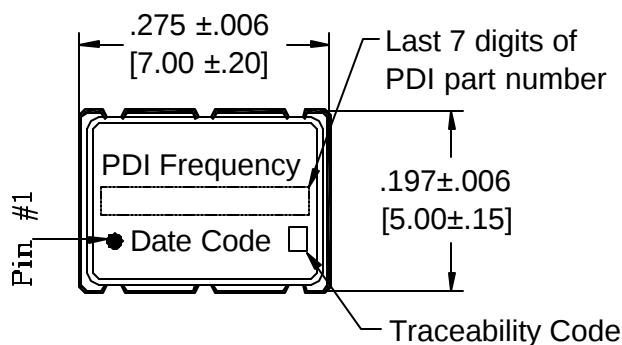
Sales Information sales@pdixtal.com

Electrical Specifications

1. Ceter Frequency: 74.175824 MHz
2. Output: HCMOS
3. Supply Voltage: +3.3Vdc $\pm 10\%$
4. Temperature Stability: ± 25 ppm (Inclusive of tolerance @ +25°C, temperature, supply voltage, load, aging, shock and vibration)
5. Control Voltage Range: 1.65V ± 1.5 V
6. Absolute Pull Range: ± 50 ppm Minimum
7. Rise/Fall Time: 5nS Maximum
8. Operating Temperature Range: -10°C to +70°C
Storage Temperature Range: -40°C to +85°C
9. Supply Current: 50mA Maximum
10. Duty Cycle: 40/60% Maximum
11. Output Level: VOL: 10%Vdd Maximum
VOH: 90%Vdd Minimum
12. Output Current: IOL: 4.0mA Minimum
IOH: -1.0mA Minimum
13. Output Load: 15pF
14. Start-up Time: 10mS Maximum
15. Enable/Disable Time: 150nS Maximum
16. Linearity: $\pm 10\%$
17. Modulation Bandwidth: 20KHZ

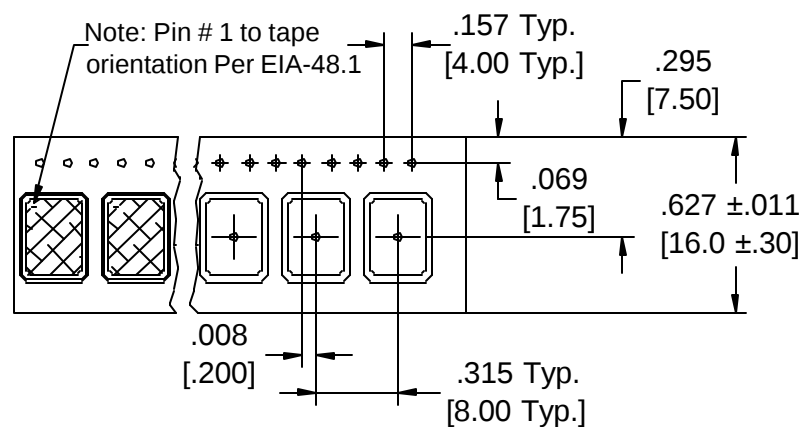
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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	FOR PRELIMINARY USE ONLY Specifications subject to change without notice.			
						TITLE	FKA		
						Voltage Controlled Crystal Oscillator			
						PART NUMBER			
						VC7E74175XHBBRX			
						DATE	SCALE	ECN.	REV.
						9/29/08	N.T.S.	N/A	N/A
						SIZE	CAGE	Page 1 of 2	
						A	0S4G1		



Recommended Land Pattern

PIN	CONNECTION
1	Voltage Control
2	Enable/Disable
3	Ground
4	Output
5	No Connect
6	Supply Voltage



Precision Devices Inc.

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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	6896R	VC7E74175XHBBRX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	74.175824 MHz	J.Lawinger
ANGULAR	DRAWING TYPE	DATE	
XX=±2°	Voltage Controlled Crystal Oscillator	9/29/08	
	REV. LEVEL	ECN NO.	CAGE CODE
	N/A	N/A	0S4G1

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