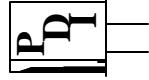
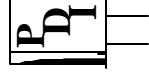


# Precision Devices, Inc.



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)

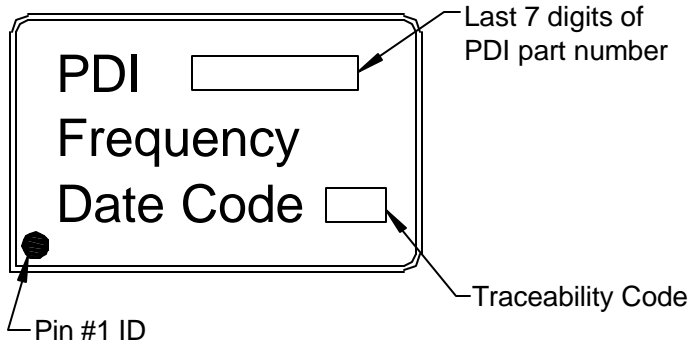
Sales Information [sales@pdixtal.com](mailto:sales@pdixtal.com)

## Electrical Specifications

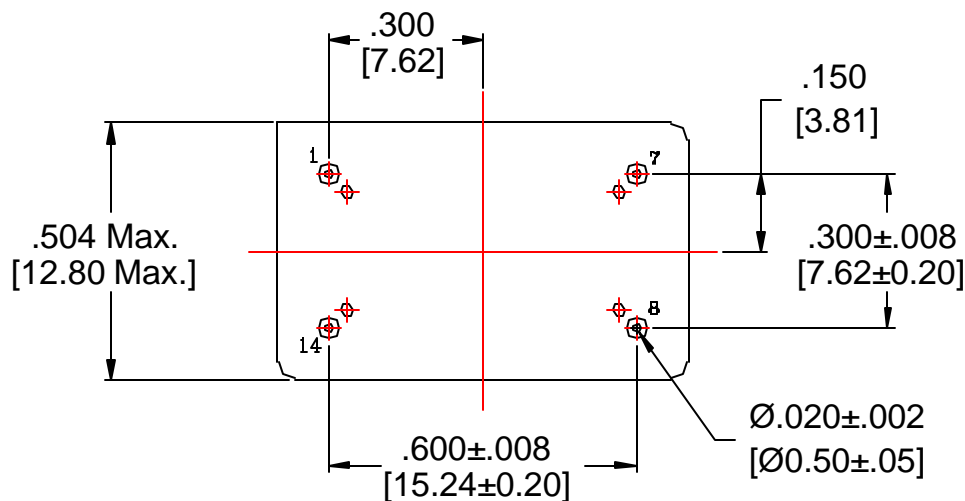
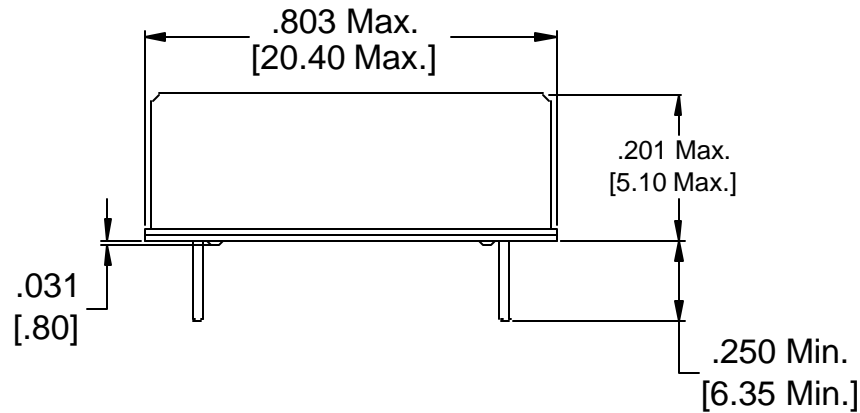
1. Center Frequency: 24.576000 MHz
2. Output: TTL/CMOS
3. Frequency Tolerance @ +25°C: ±50ppm
4. Operating Temperature Range: -20°C to +70°C
5. Frequency Stability: ±25ppm
6. Storage Temperature Range: -55 to 125
7. Duty Cycle: 45/55% Typical, 40/60% Maximum
8. T-Rise, T-Fall: 2.0nS Typical, 6.0nS Maximum
9. Supply Current: 25mA for 25MHz, 50mA for 70MHz
10. Control Voltage Range: +1.65Vdc ±1.5Vdc
11. Frequency Deviation: ±50ppm
12. Supply Voltage: +3.3Vdc ±10%
13. Plating Finish of Device Package: 96.5% Tin, Max., 0% Lead

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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		4020	
						PART NUMBER <b>VC2H24576XC CBXX</b>			
						DATE	SCALE	ECN.	REV.
						9/21/06	N.T.S.	N/A	N/A
						SIZE	CAGE	Page 1 of 2	
						A	OS4G1		

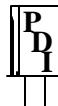


Pin	Connection
1	Voltage Control
7	Ground
8	Output
14	Supply



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE <b>4020</b>	PART NUMBER <b>VC2H24576XCCBXX</b>	
METRIC XX=±.50 XXX=±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>24.576MHz</b>	DRAWN BY <b>D. Baumgarten</b>
ANGULAR XX=±2°	REV. LEVEL <b>N/A</b>	ECN NO. <b>N/A</b>	DATE <b>9/21/06</b>
		CAGE CODE <b>OS4G1</b>	<b>Page 2 of 2</b>