

# Precision Devices, Inc.



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



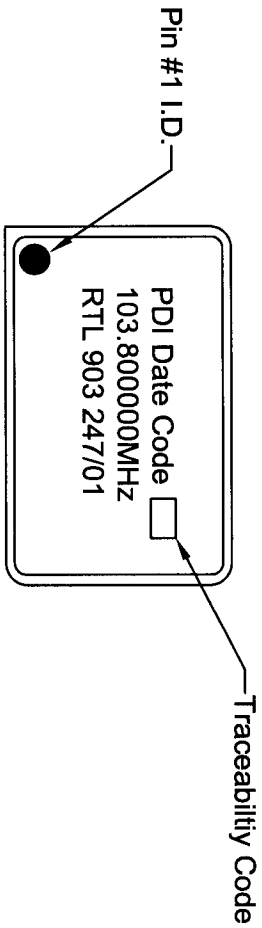
Visit our web site at [www.pdixtal.com](http://www.pdixtal.com)

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

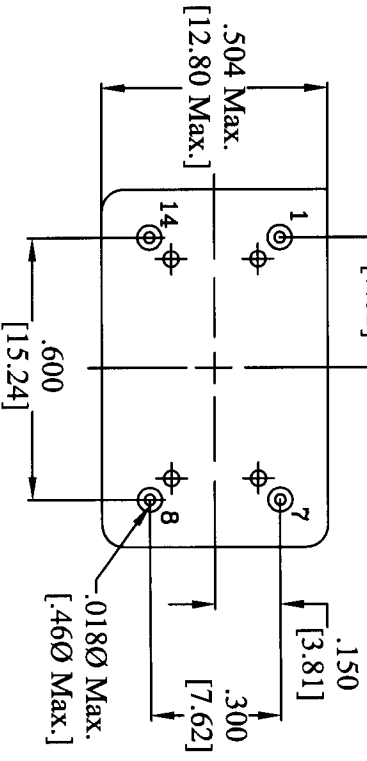
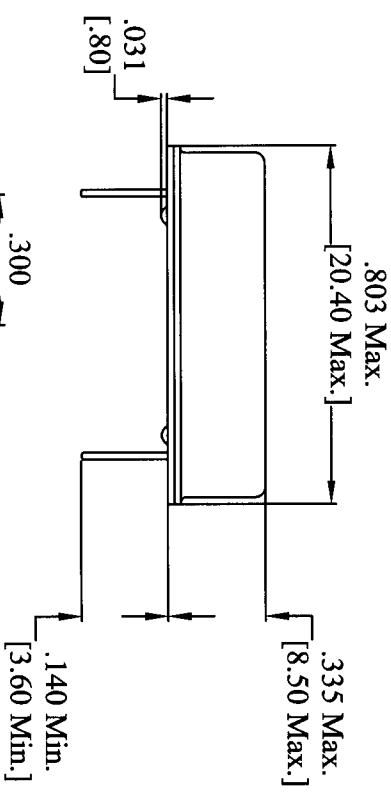
## Electrical Specifications


1. Output Level (@50.0 Ohms Load): 0- +6.0dBm
2. Center Frequency: 103.800000MHz
3. Frequency Tolerance: See Stability Specifications
4. Operating Temperature Range: -40°C to +85°C
5. Frequency Stability: ±100.0ppm (Total frequency deviation including temperature stability, supply voltage, load change, aging, and frequency tolerance.
6. Storage Temperature Range: -55°C to +125°C
7. Spurious (@36.2MHz ±2.0MHz): -80.0dBc Min.
8. Supply Current: 14.0mA Max.
9. Start-Up Time: 10.0mSec. Max.
10. Supply Voltage: +5.0Vdc ±5%
11. Harmonics, Suppressed: -20.0dBc Min.

REV.	DATE	PAGE	DESCRIPTION	ECN	Originator	Date	Engineering	Date
					<i>ERB</i>	3-18-04	<i>DST</i>	3-18-04
D	1/03	2	Corrected Marking Specifications	E0190	TITLE		FKA	
					Crystal Clock Oscillator		2024	
C	2/98	1	Revised Supply Current	E0146	PART NUMBER			
					O17NC10380WBDXX			
B	10/97	1	Revised Rise/Fall Times	E0211	DATE	SCALE	ECN.	REV.
					3/18/04	N.T.S.	E0190	D
A	7/97	1	Revised Supply Voltage	E0146	SIZE	CAGE	Page 1 of 2	
					A	OS4G1		




Pin	Connection
1	No Connect
7	Ground
8	Output
14	Supply





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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE <b>2024</b>	PART NUMBER <b>O17NC10380WBDXX</b>	
METRIC XX=±.50 XXX=±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>103.800000MHz</b>	DRAWN BY <b>J. Bender</b>
ANGULAR XX=±2°	DRAWING TYPE <b>Crystal Clock Oscillator</b>	DATE <b>3/18/04</b>	
	REV. LEVEL <b>D</b>	ECN NO. <b>E0190</b>	CAGE CODE <b>OS4G1</b>

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