



# Precision Devices, Inc.

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



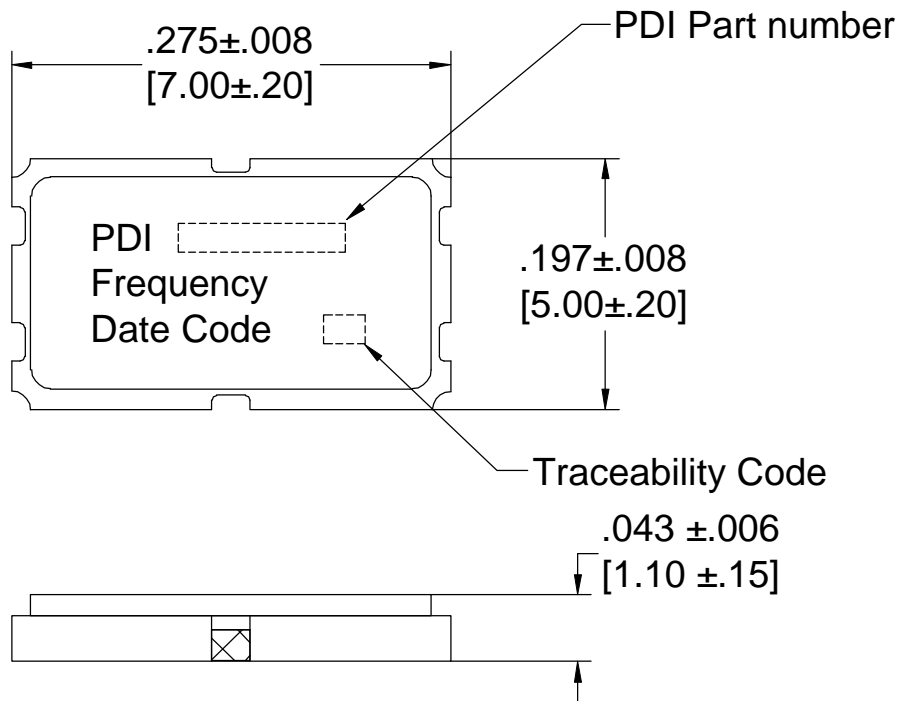
Visit our web site at [www.pdixtal.com](http://www.pdixtal.com)

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

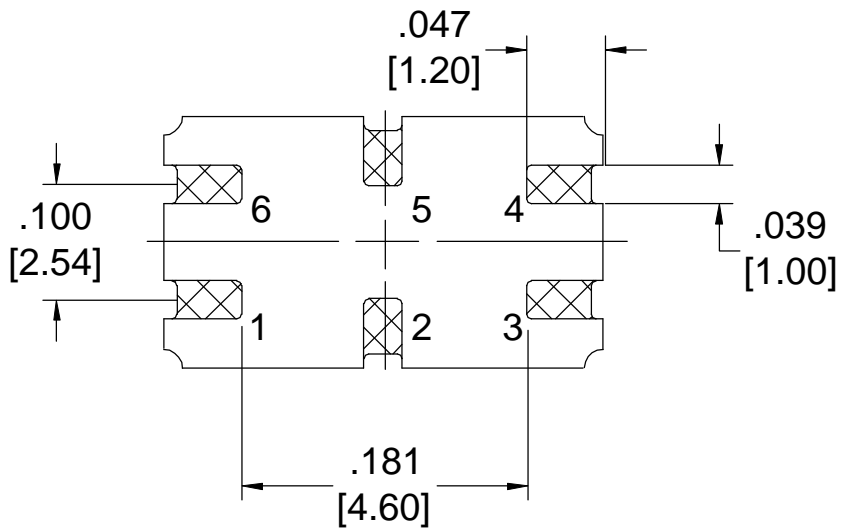
## Electrical Specifications

- Center Frequency: 55.000000MHz
- Pass Bandwidth @ 3.0dB: ±10.0KHz Minimum
- Pass Band ripple: 1.0dB Maximum (Peak to Valley)
- Insertion Loss (@3.0dB): 4.0dB Maximum
- Stop Bandwidth (@Fo):
  - @40.0dB minimum; ±40.0Khz
  - @80.0dB minimum; -910.0Khz
- Spurious Response: 40.0dB Minimum
- Termination Impedance: 550 Ohms//1.5pf (TBD)  
Coupling Impedance: 7.5pf (TBD)
- Maximum Drive Level: 0dBm
- Operating Temperature Range: -30°C to +80°C  
Storage Temperature Range: -35° to +85°C
- Number of Poles: 4

REV.	DATE	PAGE	DESCRIPTION	ECN	Originator	Date	Engineering	Date
					AH	6/15/05	MR	6/15/05
					TITLE Crystal Filter Assembly			
					PART NUMBER <b>3810-ffr</b>			
					DATE	SCALE	ECN.	REV.
					6/15/05	N.T.S.	N/A	N/A
					SIZE	CAGE	Page 1 of 2	
					A	OS4G1		



PIN Connections	
1	Input
2	Cc
3	Ground
4	Output
5	Cc
6	Ground



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Manufacturer of Quartz Crystal Products

DECIMAL XX±.020 XXX±.008	PART NUMBER <b>3810-fty</b>		DRAWN BY <b>D. Gibney</b>
METRIC XX±.50 XXX±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>55.000MHz</b>	DATE <b>6/15/05</b>
ANGULAR XX±2°	REV. LEVEL <b>N/A</b>	ECN NO. <b>N/A</b>	CAGE CODE <b>OS4G1</b>