



Precision Devices, Inc.

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



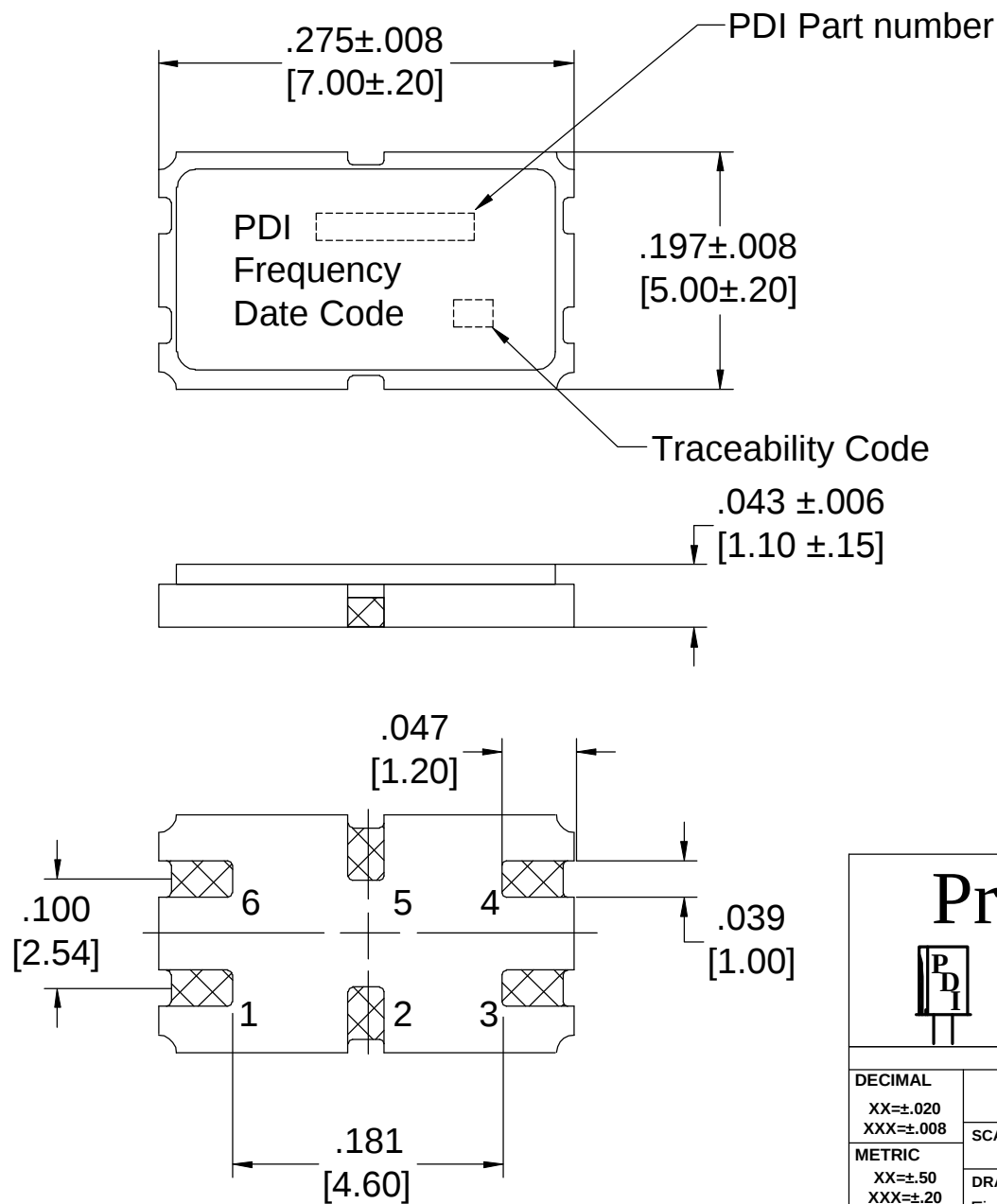
Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 55.000000MHz
2. Pass Bandwidth @ 3.0dB: $\pm 5.0\text{KHz}$ Minimum
3. Pass Band ripple: 1.0dB Maximum (Peak to Valley)
4. Insertion Loss (@3.0dB): 4.0dB Maximum
5. Stop Bandwidth (@Fo):
 - @16.0dB minimum; $\pm 12.5\text{KHz}$
 - @30.0dB minimum; $\pm 25.0\text{KHz}$
 - @80.0dB minimum; $\pm 910.0\text{KHz}$
6. Spurious Response: 30.0dB Minimum
7. Termination Impedance: 550 Ohms//2.5pf (TBD)
 - Coupling Impedance: 8.0pf (TBD)
8. Maximum Drive Level: 0dBm
9. Operating Temperature Range: -30°C to $+80^{\circ}\text{C}$
 - Storage Temperature Range: -35° to $+85^{\circ}\text{C}$
10. Number of Poles: 4

REV.	DATE	PAGE	DESCRIPTION	ECN	Originator	Date	Engineering	Date
					AH	6/15/05	MR	6/15/05
					TITLE Crystal Filter Final Assembly			
					PART NUMBER 3811-FTR			
					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 $\pm$.020 XXX $\pm$.008	PART NUMBER 3811		
METRIC XX $\pm$.50 XXX $\pm$.20	SCALE N.T.S.	FREQUENCY 55.000MHz	DRAWN BY D. Gibney
ANGULAR XX $\pm$ 2°	REV. LEVEL N/A	ECN NO. N/A	DATE 6/15/05
		CAGE CODE OS4G1	Page 2 of 2