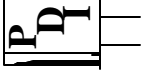


# Precision Devices, Inc.

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)

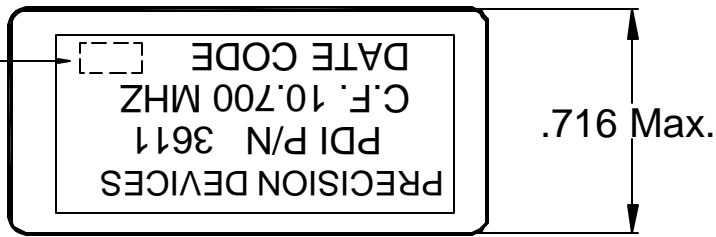
## Electrical Specifications

- Center Frequency: 10.700000MHz
- Pass Bandwidth @ 3.0dB:  $\pm 11.5$ KHz minimum
- Passband Ripple Over  $\pm 9.0$ KHz: 1.0dB maximum
- Transducer Attenuation: 3.5dB maximum
- Stopband Attenuation:  
  - @  $\pm 25.0$ KHz: 45.5dB minimum
  - @  $\pm 35.0$ KHz to  $\pm 300.0$ KHz: 60.0dB minimum
- Spurious Response: 45.5dB minimum
- Variation of Group Delay Over  $\pm 9.0$ KHz: 40.0uSec.  
Over  $\pm 6.0$ KHz: 15.0uSec.
- Termination Impedance: 910.0 Ohms//25.0pF
- Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- Max. Drive Level: 10.0mW
- Number of poles: 6 Poles
- Production Screening Requirements: 100% testing of electrical line items 2 thru 7.
- QA Screening Requirements: 5 piece sample testing of electrical specifications line items 2 thru 7 at room temperature.

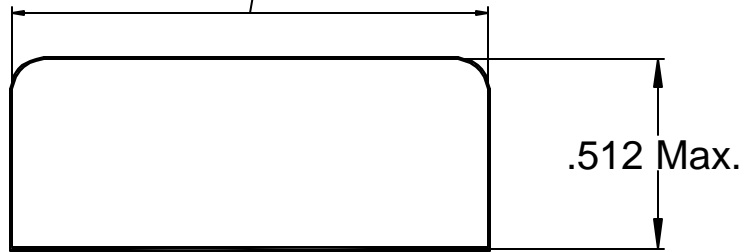
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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						D.G.	4/28/09	C.S.	4/28/09
						TITLE Final Assembly			
						PART NUMBER FTR-3611			
						DATE	SCALE	ECN.	REV.
						4/28/09	N.T.S.	N/A	A
						SIZE	CAGE	Page 1 of 3	
						A	0S4G1		

Traceability Code

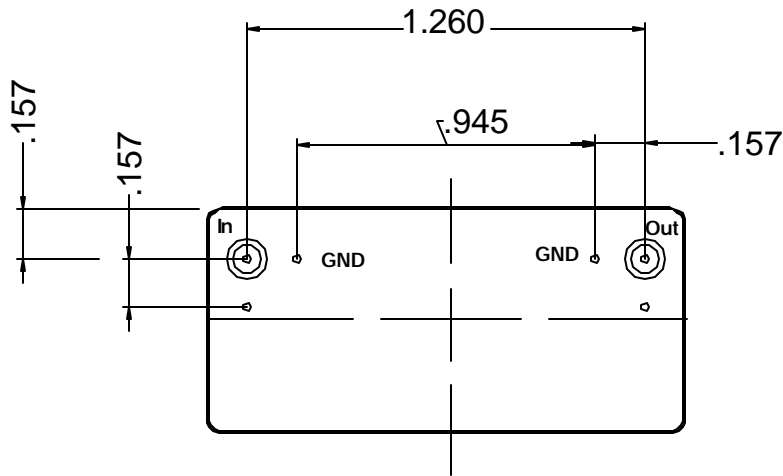


1.512 Max.



.138 Min.

.031 $\varnothing$ ±.002



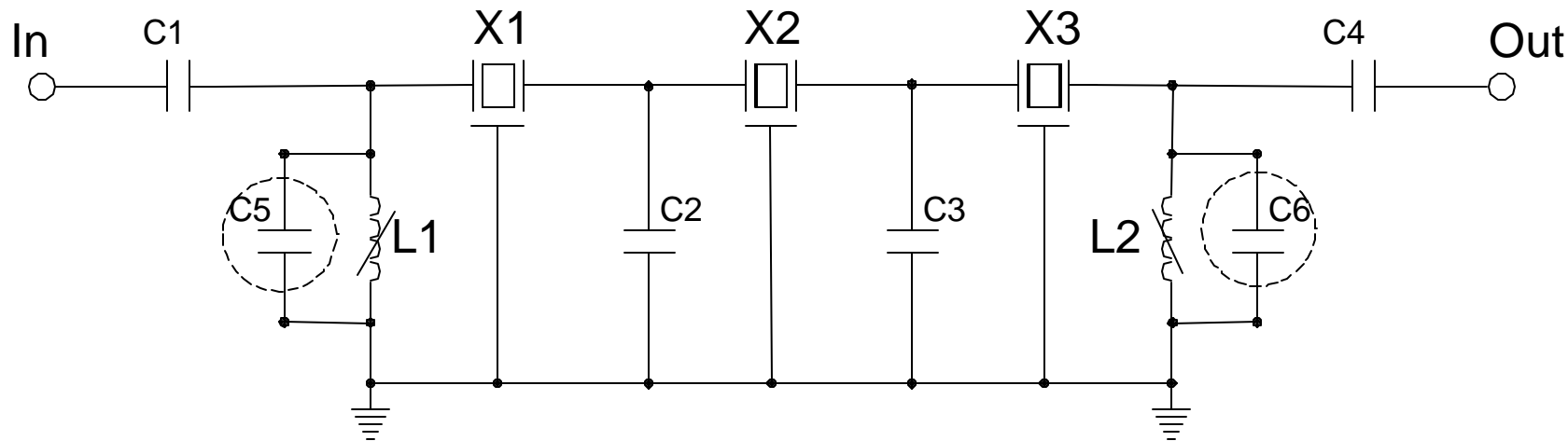
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Middleton WI 53562  
608-831-4445  
1-800-274-XTAL



Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	PART NUMBER <b>FTR-3611</b>		DRAWN BY <b>D. Gibney</b>
	SCALE <b>N.T.S.</b>	FREQUENCY <b>10.7000MHz</b>	
METRIC XX=±.50 XXX=±.20	DRAWING TYPE <b>Filter Assembly</b>		ANGULAR XX=±2°
REV. LEVEL <b>A</b>	ECN NO. <b>N/A</b>	CAGE CODE <b>OS4G1</b>	



C1,C4= 20pf  
 C2,C3= 1.5pf  
 L1,L2= 332pn-T1025Z (12uH)  
 C5,C6=3.0pf (optional)  
 (If Needed when using alternate P/N 332pn-T1024Z)

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METRIC XX=±.50 XXX=±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>10.7000MHz</b>	DATE <b>4/28/09</b>
ANGULAR XX=±2°	<b>Filter Assembly</b>		
	REV. LEVEL <b>A</b>	ECN NO. <b>N/A</b>	CAGE CODE <b>OS4G1</b>