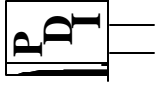
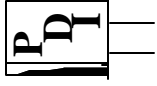


# Precision Devices, Inc.



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: 12.288000 MHz
- Output: Clipped Sinewave
- Frequency Stability: vs Temperature:  $\pm 2.5\text{ppm}$   
vs Aging:  $\pm 1.0\text{ppm}$  Maximum first year at  $+25^\circ\text{C}$   
vs Voltage Change:  $\pm 0.3\text{ppm}$  Maximum for 5% change  
vs Load Change:  $\pm 0.3\text{ppm}$  Maximum for 10% change
- Operating Temperature Range:  $-30^\circ\text{C}$  to  $+75^\circ\text{C}$
- Storage Temperature Range:  $-40^\circ\text{C}$  to  $+85^\circ\text{C}$
- Supply Voltage:  $+3.0\text{Vdc}$   $\pm 5\%$
- Supply Current: 1.5mA Maximum
- Output Voltage: 0.8V p-p Minimum
- Output Load: 10k Ohm//10pF
- Control Voltage Range:  $+1.5\text{V} \pm 1.0\text{V}$
- Pullability:  $\pm 9\text{ppm}$  Minimum,  $\pm 12\text{ppm}$  Typical

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN

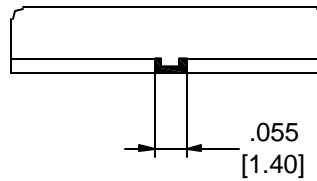
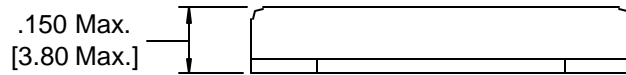
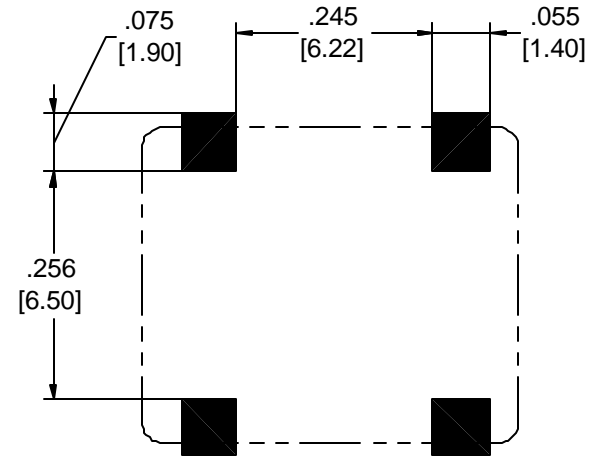
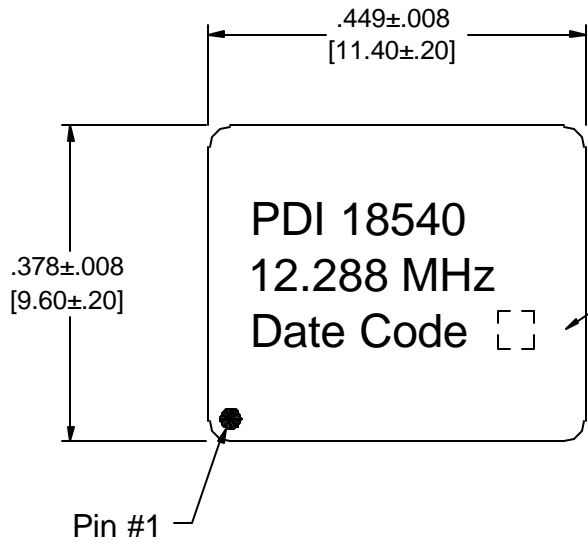
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TCVCXO	18540

PART NUMBER	SCALE	ECN.	REV.
<b>TV3612288XWNNXX</b>			

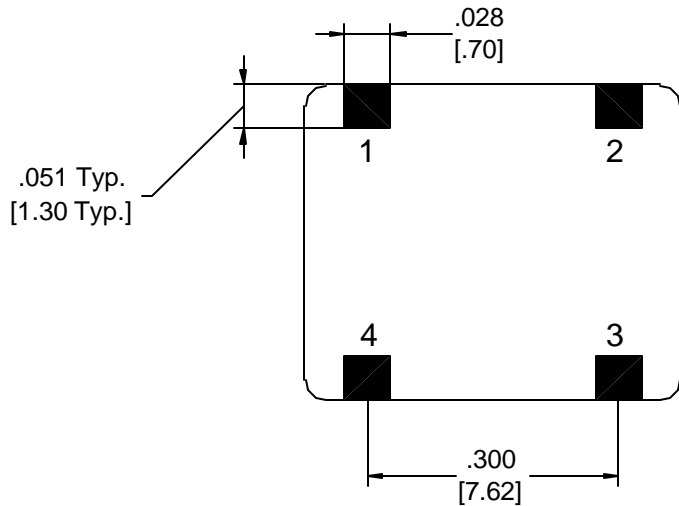
DATE	N.T.S.	N/A	REV.
3/30/10			

SIZE	CAGE	Page
A	0S4G1	1 of 2

**FOR PRELIMINARY USE ONLY**  
Specifications subject to change without notice.



Pin	Connection
1	Voltage Control
2	Ground
3	Output
4	Vcc



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE <b>18540</b>	PART NUMBER <b>TV3612288XWNNXX</b>	
METRIC XX=±.50 XXX=±.20	SCALE <b>N.T.S.</b>	FREQUENCY <b>12.288000 MHz</b>	DRAWN BY <b>J.Lawinger</b>
ANGULAR XX=±2°	REV. LEVEL <b>N/A</b>	ECN NO. <b>N/A</b>	DATE <b>3/30/10</b>
		CAGE CODE <b>0S4G1</b>	<b>Page 2 of 2</b>