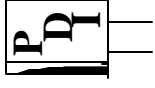


Precision Devices, Inc.

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

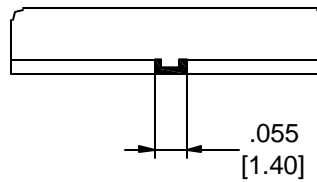
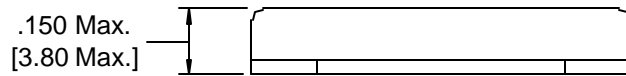
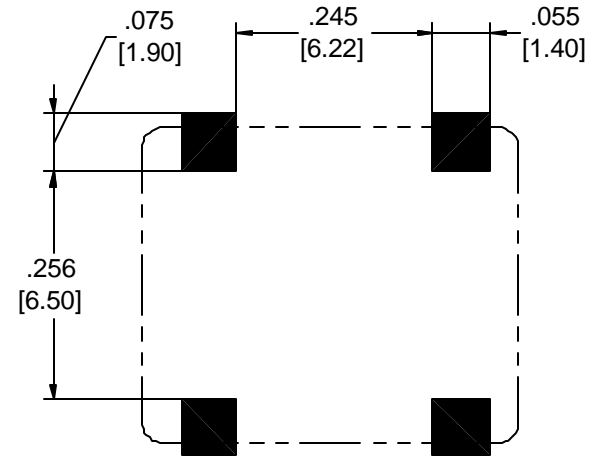
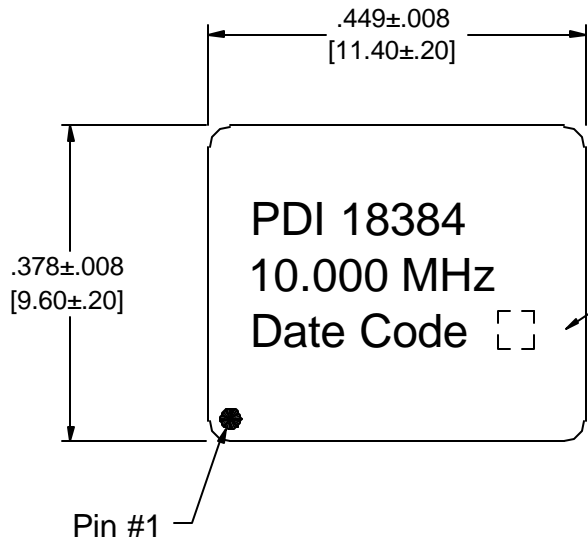
Sales Information sales@pdixtal.com

Electrical Specifications

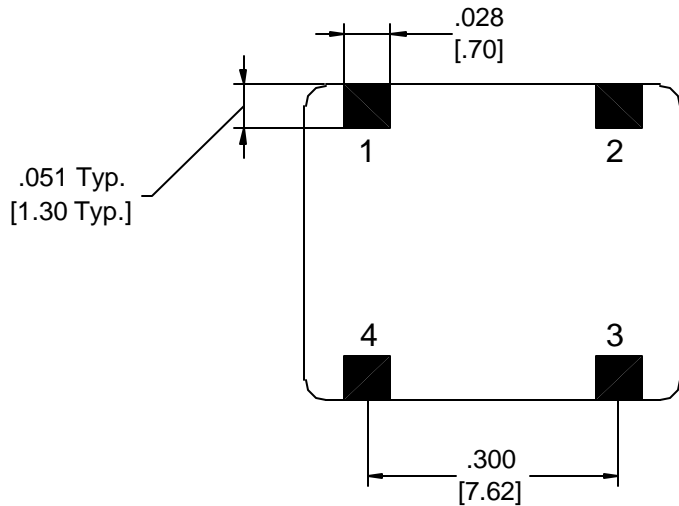
- Center Frequency: 10.000000 MHz
- Output: Clipped Sinewave
- Frequency Stability: vs Temperature: ± 2.5 ppm
vs Tolerance @ +25°C: ± 0.5 ppm (before reflow)
vs Tolerance @ +25°C: ± 1.5 ppm (after 2 reflow cycles)
vs Aging: ± 1.0 ppm Max. year at +25°C
vs Voltage Change: ± 0.3 ppm Max. for 5% change
vs Load Change: ± 0.2 ppm Max. for 10% change
- Operating Temperature Range: 0°C to +70°C
- Storage Temperature Range: -40°C to +85°C
- Supply Voltage: +5.0Vdc $\pm 5\%$
- Supply Current: 2.5mA Max.
- Output Voltage: 0.8V p-p Min.
- Output Load: 10k Ohm//10pF $\pm 10\%$ each
- Frequency Adjust Range: ± 3 ppm Min. with internal trimmer
- Frequency Control Range: ± 8 ppm Min.
- Control Voltage Range: +2.5Vdc ± 1.0 V
- Slope: positive
- Input Impedance: 100K Ohms Min.
- Phase Noise: 1Hz offset: -55dBc/Hz
10Hz offset: -85dBc/Hz
100Hz offset: -115dBc/Hz
1kHz offset: -130bBc/Hz
10kHz offset: -140bBc/Hz

The information contained in this drawing is the sole property of Precision Devices Inc. Any reproduction in part or as a whole without the written permission of Precision Devices Inc. is prohibited.

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	7/1/09	C.H.	7/1/09
						TITLE		FKA	18384
						TCVCXO			
						PART NUMBER			
						TV3610000XWNAXX			
						DATE	SCALE	ECN.	REV.
						7/1/09	N.T.S.		A
						SIZE	CAGE		
						A	0S4G1		Page 1 of 2



Pin	Connection
1	Voltage Control
2	Ground
3	Output
4	Vcc



Precision Devices Inc.

8840 N. Greenview Dr.
 Middleton WI 53562
 608-831-4445
 1-800-274-XTAL



Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 18384	PART NUMBER TV3610000XWNAXX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 10.000000 MHz	DRAWN BY J.Lawinger
ANGULAR XX=±2°	DRAWING TYPE TCVCXO	REV. LEVEL A	DATE 7/1/09
	ECN NO.	CAGE CODE 0S4G1	Page 2 of 2