

Precision Devices, Inc.



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



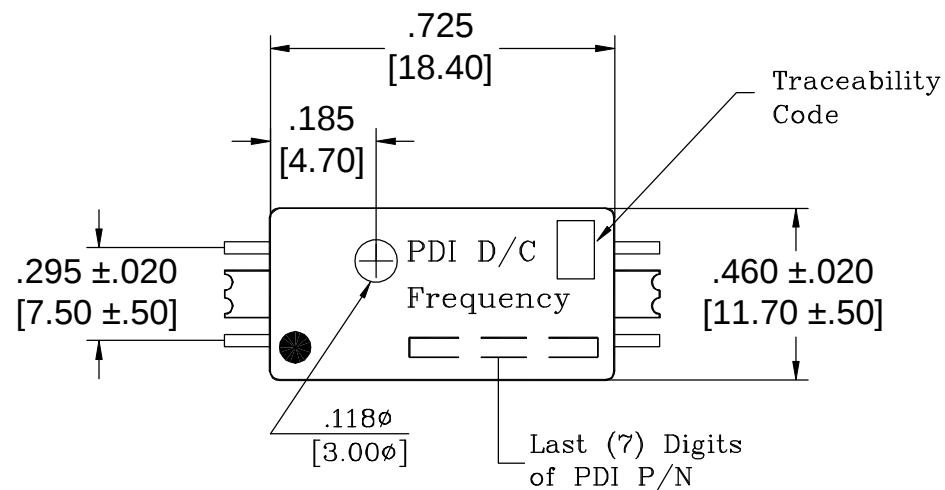
Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

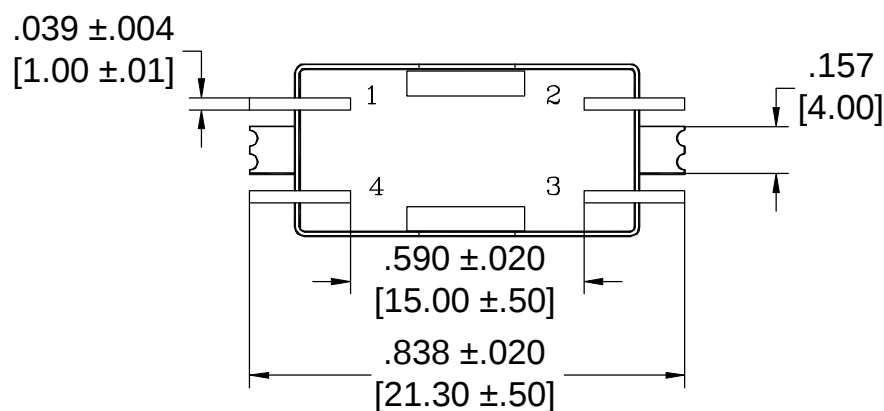
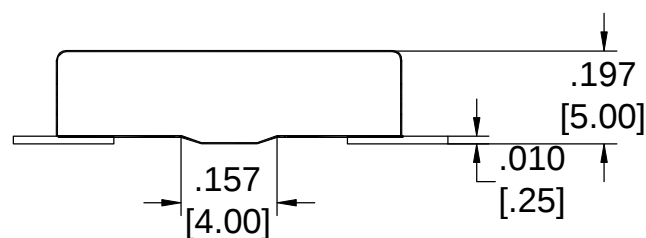
Electrical Specifications

- Center Frequency: 28.000000MHz
(Frequency Accuracy: $\pm 3.0\text{ppm}$ (Inclusive-Temperature, supply voltage, initial setting, and aging over a 10 year lifespan).
- Frequency Tolerance: $\pm 1.5\text{ppm}$
- Operating Temperature Range: 0° to $+70^{\circ}\text{C}$
- Frequency Stability vs. Supply Voltage: $\pm 0.2\text{ppm}$
- Frequency Stability vs. Aging: $\pm 1.0\text{ppm/year}$ @ 25°C
- Supply Current: 40.0mA maximum
- Supply Voltage: $+3.3\text{Vdc} \pm 5\%$
- Output: CMOS
- Output Load: 15.0pf
- Frequency adjustment by internal trimmer: $\pm 3.0\text{ppm}$ minimum
- Output Level: $0=0.3\text{V}$ maximum, $1=3.0\text{V}$ minimum
- Aging: $\pm 1.0/\text{year}$

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						D.G.	8/27/04	D.W.	8/27/04
						TITLE			
						Temperature Controlled Crystal Oscillator			
						PART NUMBER			
						TC2628000XTNAXX			
						DATE	SCALE	ECN.	REV.
						8/27/04	N.T.S.	E0434	A
A	8/04	1	Revised Frequency Tolerance @room, and Output	D.G.	E0434	SIZE	A	CAGE	OS4G1
									Page 1 of 2



Pin	Connection
1	N/C
2	Ground
3	Output
4	Supply



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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE		PART NUMBER	
XX=±.020 XXX=±.008	17549		TC2628000XTNAXX	
METRIC	SCALE	FREQUENCY		DRAWN BY
	N.T.S.	28.000000MHz		D. Gibney
XX=±.50 XXX=±.20	DRAWING TYPE			DATE
	Temperature Controlled Crystal Oscillator			8/26/04
ANGULAR	REV. LEVEL	ECN NO.	CAGE CODE	Page 2 of 2
XX=±2°	A	E0434	OS4G1	

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