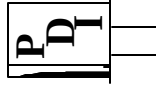
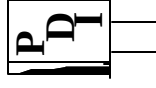


Precision Devices, Inc.



8840 N. Greenview Dr.
Middleton, WI 53562
Phone: 608-831-4445
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Visit our web site at www.pdixtal.com

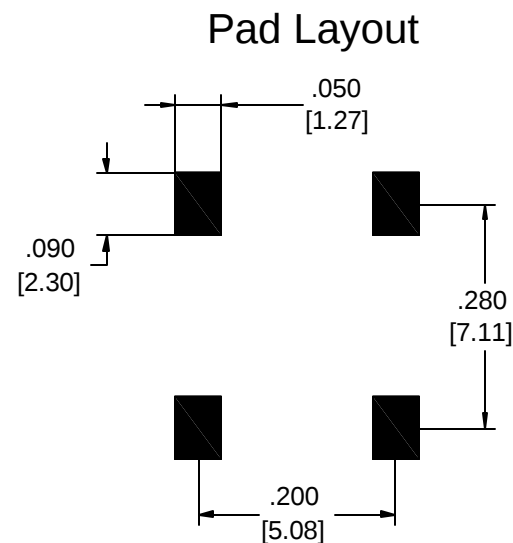
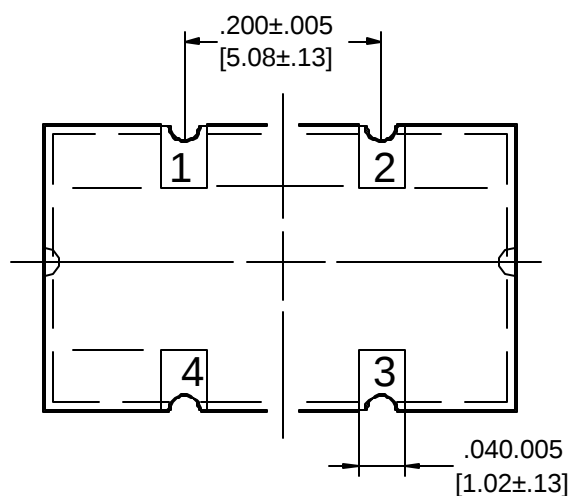
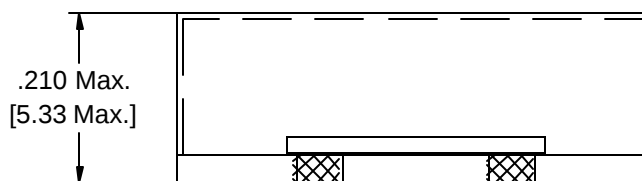
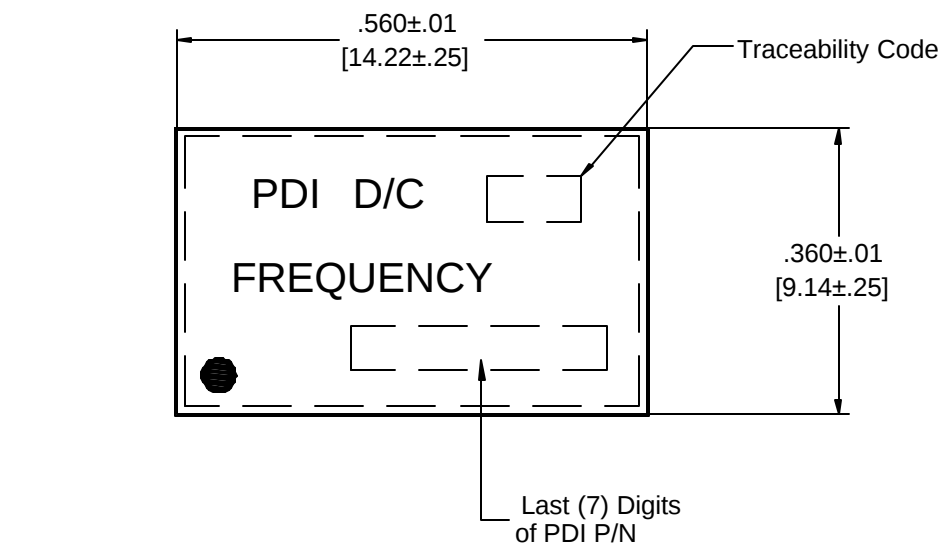
Sales Information sales@pdixtal.com

Electrical Specifications

- Center Frequency: 98.000000 MHz
- Output: Square
- Supply Voltage: +3.3Vdc $\pm$ 0.3V
- Supply Current: 50mA Max.
- Duty Cycle: 45/55% Max.
- Rise/Fall Time: 6nS Max.
- Operating Temperature: -40°C to +85°C
- Frequency Stability: $\pm$ 5ppm (Includes tolerance, temperature, voltage, load and first year aging)
- Aging: $\pm$ 1ppm/year Max.
- Load: 9pF/1.1K Ohms
- Logic Levels: "0" : 10% of supply voltage
"1" : 80% of supply voltage
- SSB Phase Noise:
@10Hz Offset -70dBc/Hz Min.
@100Hz Offset -90dBc/Hz Min.
@1KHz Offset -115dBc/Hz Min.
@10KHz Offset -125dBc/Hz Min.
@100KHz Offset -130dBc/Hz Min.
@1MHz Offset -140dBc/Hz Min.

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	FOR PRELIMINARY USE ONLY Specifications subject to change without notice.			
						TITLE	FKA	18324	
						Temperature Controlled Oscillator			
						PART NUMBER TC2998000XWSDXX			
						DATE	SCALE	ECN.	REV.
						1/9/09	N.T.S.	N/A	N/A
						SIZE	CAGE	054G1	
						A	Page 1 of 2		



PIN	Connection
1	No Connect
2	Case Ground
3	Output
4	Vcc

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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	18324	TC2998000XWSDXX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	98.000000 MHz	J.Lawinger
ANGULAR	DRAWING TYPE	DATE	
XX=±2°	Temperature Controlled Oscillator	1/9/09	
	REV. LEVEL	ECN NO.	CAGE CODE
	N/A	N/A	0S4G1

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