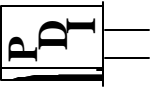
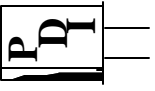


Precision Devices, Inc.



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



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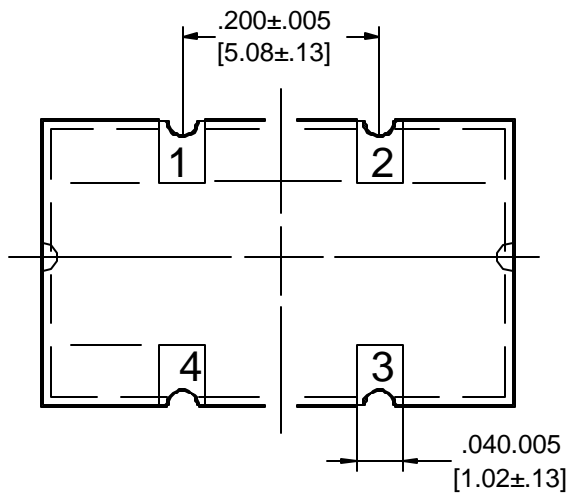
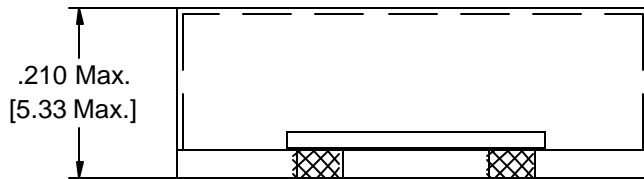
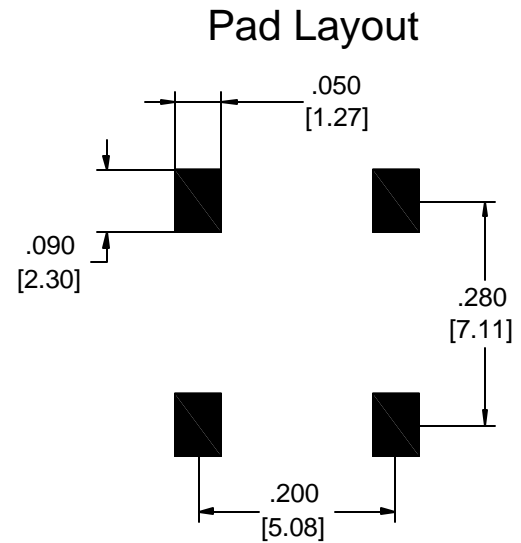
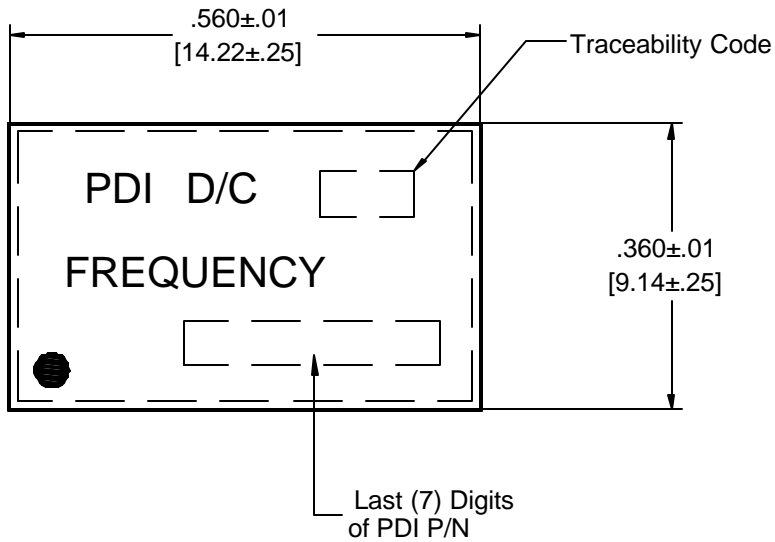
Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 98.000000 MHz
2. Output: Square
3. Supply Voltage: +3.3Vdc±0.3V
4. Supply Current: 50mA Max.
5. Duty Cycle: 45/55% Max.
6. Rise/Fall Time: 6nS Max.
7. Operating Temperature: -40°C to +85°C
8. Frequency Stability: ±5ppm (Includes tolerance, temperature, voltage, load and first year aging)
9. Aging: ±1ppm/year Max.
10. Load: 9pF/1.1K Ohms
11. Logic Levels: "0" : 10% of supply voltage
 "1" : 80% of supply voltage
12. 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	
		Temperature Controlled Oscillator		18324	
		PART NUMBER			
		TC2998000XWSDXX			
		DATE	SCALE	ECN.	REV.
		1/9/09	N.T.S.	N/A	N/A
		SIZE	CAGE		
		A	0S4G1		



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

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Manufacturer of Quartz Crystal Products

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