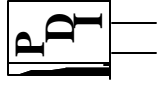


Precision Devices, Inc.

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Middleton, WI 53562
Phone: 608-831-4445
1-800-274-XTAL
Fax: 608-831-3343



Visit our web site at www.pdixtal.com

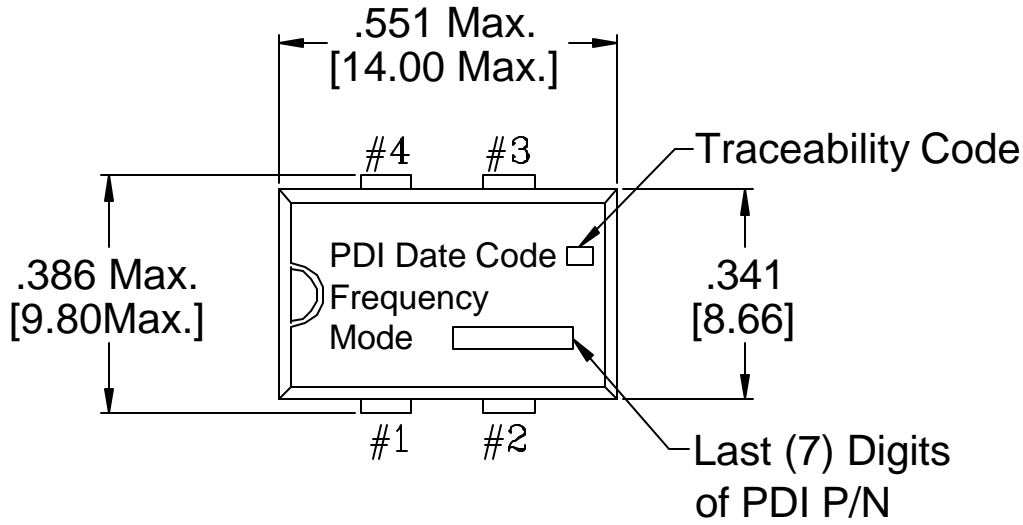
Sales Information sales@pdixtal.com

Electrical Specifications

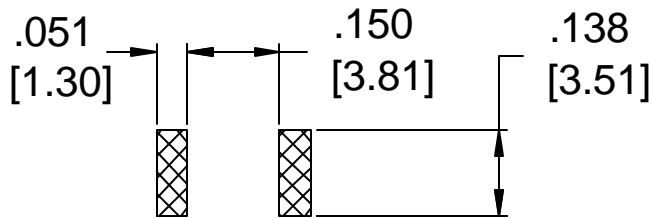
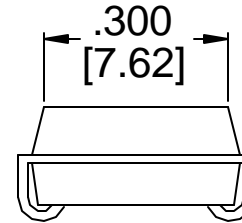
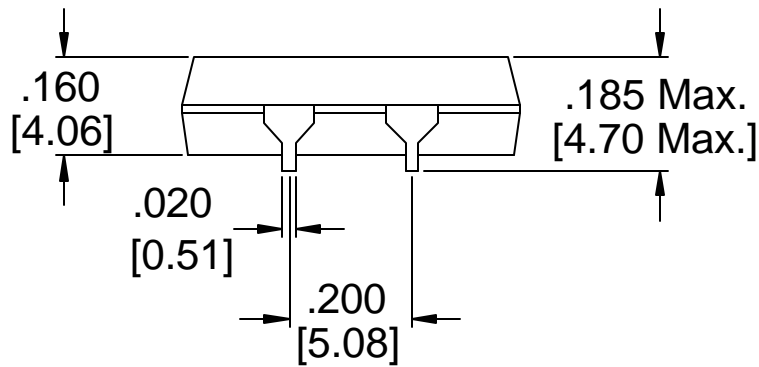
- Center Frequency: 32.000000 MHz
- Output: HCMOS/TTL
- Frequency Tolerance @25°C: ±100ppm
- Operating Temperature Range: -20°C to +70°C
- Frequency Stability: ±100ppm
- Storage Temperature Range: -55°C to +125°C
- Duty Cycle: 45/55% Maximum
- T-Rise, T-Fall: 5.0nSec Maximum
- Supply Current: 35mA Maximum
- Start Up Time: 10mS Maximum
- Supply Voltage: +5.0 Vdc ±10%
- Output Disable Current: 28mA Maximum
- Output Voltage: High: 2.4V Minimum
Low: 0.4V Maximum
- Load: HCMOS: 50pF, 10TTL
- Enable/Disable Input Voltage: 3.5V Minimum
1.5V Maximum
- Aging: ±5ppm Maximum/year

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	FOR PRELIMINARY USE ONLY			
						Specifications subject to change without notice.			
						TITLE	FKA	6683	
						Crystal Oscillator Assembly			
						PART NUMBER	OP9E3200XHDBXX		
						DATE	SCALE	ECN.	REV.
						3/11/08	N.T.S.	N/A	N/A
						SIZE	CAGE	Page 1 of 2	
						A	0S4G1		

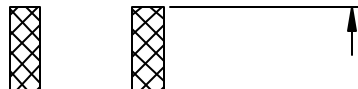


Pin	Connection
1	Enable/Disable
2	Ground
3	Output
4	Supply



Recommended
Pad layout

.228
[5.79]



Precision Devices Inc.

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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 6683	PART NUMBER OP9E32000XHDBXX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 32.000000 MHz	DRAWN BY J.Lawinger
ANGULAR XX=±2°	DRAWING TYPE Crystal Oscillator Assembly		DATE 3/11/08
	REV. LEVEL N/A	ECN NO. N/A	CAGE CODE 0S4G1