

Precision Devices, Inc.



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



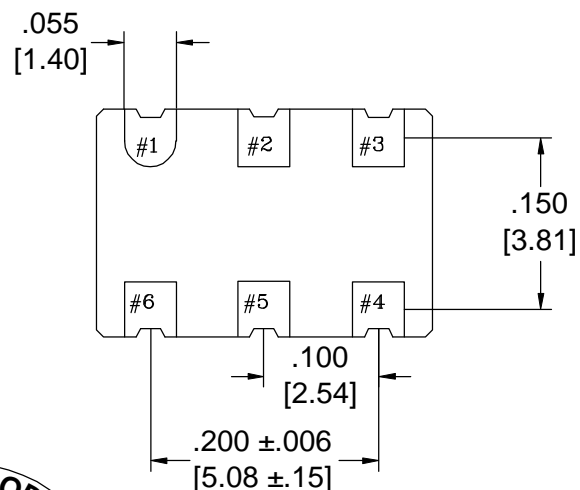
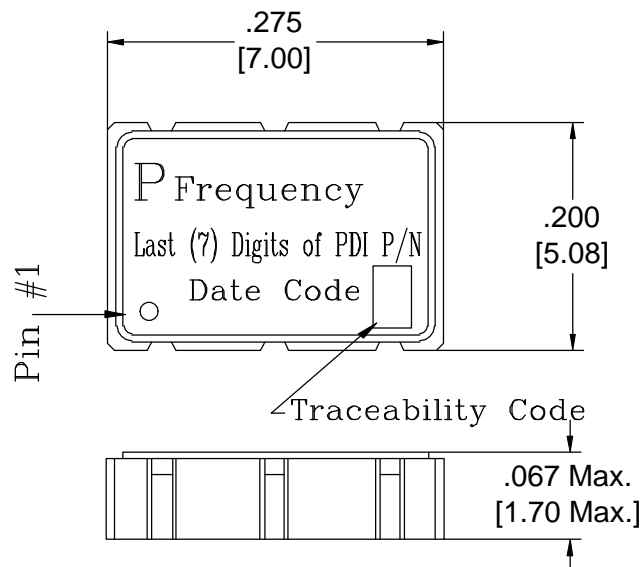
Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

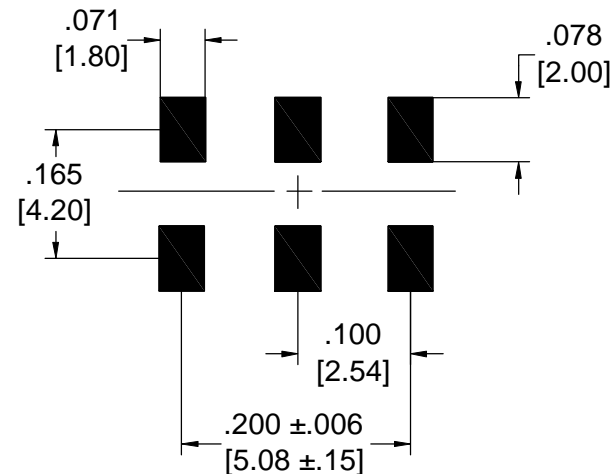
Electrical Specifications

1. Center Frequency: 24.576000MHz
2. Output: TTL/CMOS
3. Frequency Tolerance @ +25°C: ±25ppm
4. Operating Temperature Range: 0°C to +70°C
5. Frequency Stability: ±25ppm
6. Storage Temperature Range: -55°C to +125°C
7. Duty Cycle: 40/60% Max., 45/55% Typ.
8. T-Rise, T-Fall: 6.0nS Max., 2.0nS Typ.
9. Supply Current: 50.0mA Max. for 70.0MHz, 25.0mA Max. for 25.0MHz
10. Supply Current O.T.: N/A
11. Supply Voltage: +3.3Vdc ±10%
12. Frequency Deviation: ±100.0ppm Min.
13. Control Voltage: +0.3Vdc to +3.0Vdc

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.R.B.	7/12/04	D.T.	7/12/04
						TITLE Ceramic SMD Crystal Oscillator		FKA 4860	
						PART NUMBER VCE724576XCBAXX			
						DATE 7/12/04	SCALE N.T.S.	ECN. N/A	REV. N/A
						SIZE A	CAGE OS4G1		Page 1 of 2



Recommended Land Pattern



PIN	CONNECTION
1	Voltage Control
2	N/C or Tri.
3	Ground
4	Output
5	No Connect
6	Supply



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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE		PART NUMBER	
XX=±.020 XXX=±.008	4860		VCE724576XCBAXX	
METRIC	SCALE	FREQUENCY		DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	24.576000MHz		J. Bender
ANGULAR	DRAWING TYPE			DATE
	Ceramic SMD Crystal Oscillator			7/12/04
XX=±2°	REV. LEVEL	ECN NO.	CAGE CODE	Page 2 of 2
	N/A	N/A	OS4G1	