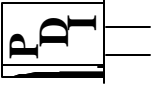
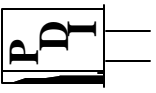


Precision Devices, Inc.



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 Middleton, WI 53562
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 1-800-274-XTAL
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Visit our web site at www.pdixtal.com

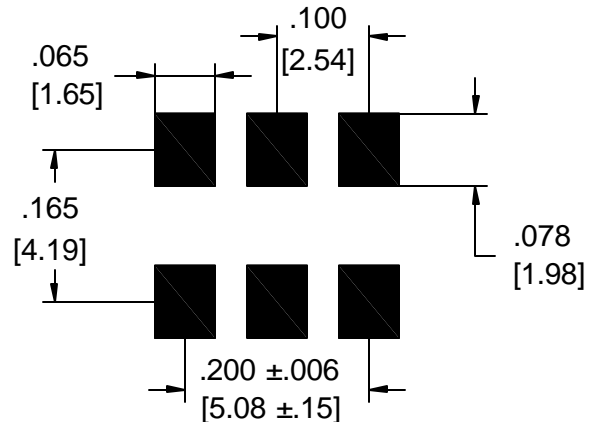
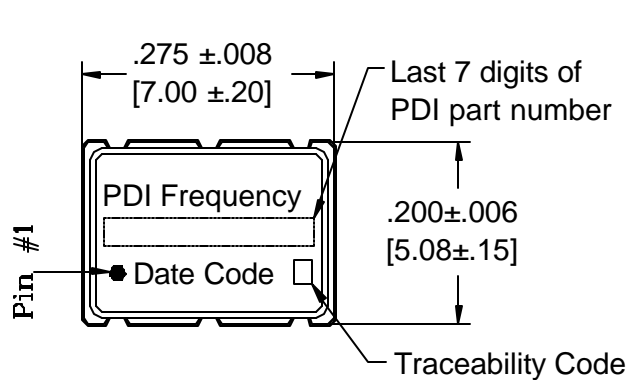
Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 156.250000 MHz
2. Output: LVPECL
3. Frequency Tolerance: See Line 5
4. Operating Temperature Range: -40°C to +85°C
5. Frequency Stability: ±50ppm (Inclusive of tolerance, supply voltage change, reflow drift and 10 years aging)
6. Storage Temperature Range: -55°C to +125°C
7. Duty Cycle: 45/55% Maximum
8. Rise / Fall Times: 600pS Maximum
9. Supply Current: 98mA Maximum
10. Output Voltage: VOL: Vdd-1.830V Minimum, Vdd-1.555V Maximum
 VOH: Vdd-1.085V Minimum, Vdd-0.880V Maximum
11. Supply Voltage: +3.3Vdc±5%
12. Jitter(12KHz to 20MHz): 0.3pS Typical, 0.7pS Maximum
13. Cycle to Cycle (RMS): 4.8pS Typical
14. Cycle to Cycle (Pk - Pk): 38pS Typical
15. Period Jitter (RMS): 2.7pS Typical
16. Period Jitter (Pk - Pk): 23pS Typical
17. Output Enabled: 0.7Vdd Minimum
18. Output Disabled: 0.3Vdd Maximum
19. Enable/Disable Time: 200nS Maximum

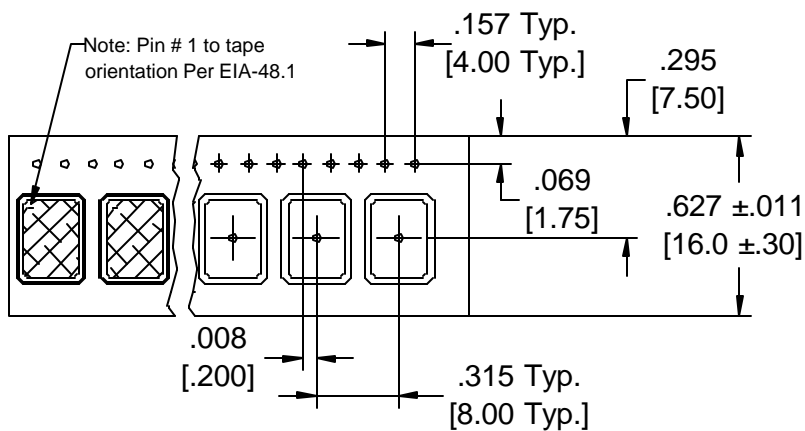
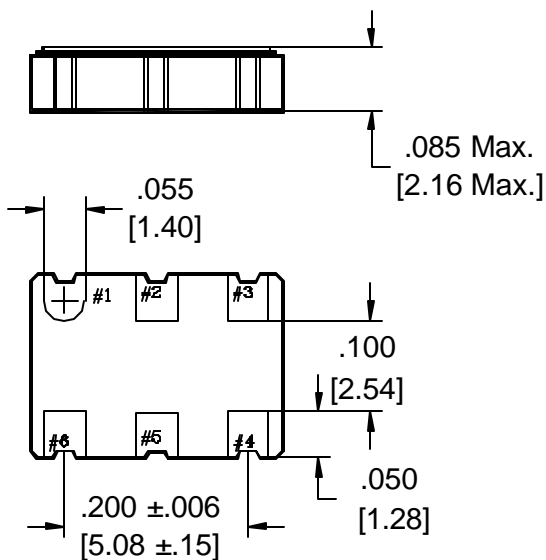
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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN
FOR PRELIMINARY USE ONLY Specifications subject to change without notice.					
				TITLE	FKA
				Crystal Oscillator Assembly	6997R
PART NUMBER PE07C15625MCDRX					
DATE		SCALE	ECN.	REV.	
10/6/10		N.T.S.	N/A	N/A	
SIZE	A	CAGE	0S4G1	Page 1 of 2	



Recommended Land Pattern

PIN	CONNECTION
1	Enable/Disable
2	No Connect
3	Ground
4	Output 1
5	Output 2
6	Vdd



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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	6997R	PE07C15625MCDRX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	156.250000 MHz	J.Lawinger
ANGULAR	DRAWING TYPE		DATE
XX=±2°	Crystal Oscillator Assembly		10/6/10
	REV. LEVEL	ECN NO.	CAGE CODE
	N/A	N/A	0S4G1