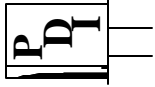
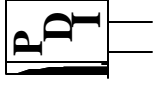


Precision Devices, Inc.



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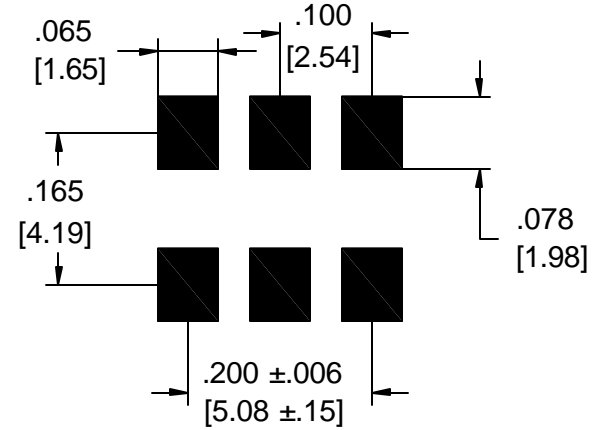
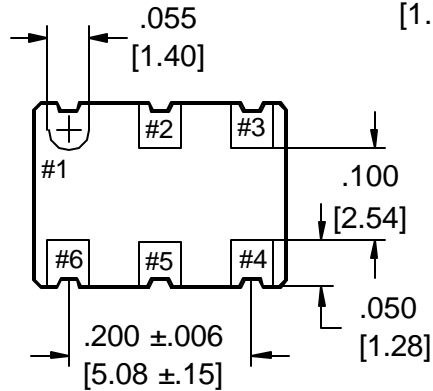
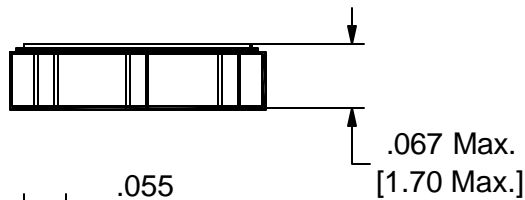
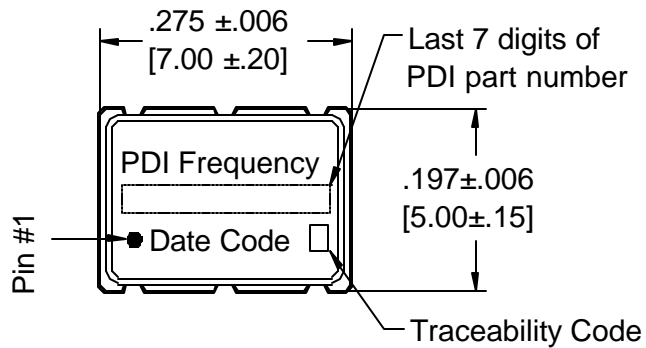
Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 125.000000 MHz
2. Output: LVPECL
3. Frequency Tolerance: See Line 5
4. Operating Temperature Range: 0°C to +70°C
5. Frequency Stability: ±20ppm (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: 0.5nS Typical, 1nS Maximum
9. Supply Current: 60mA Typical, 90mA Maximum
10. Input Voltage: VIL: 0.3Vcc Maximum
 VIH: 0.7Vcc Minimum
11. Output Voltage: VOL: 1.68Vdc Maximum
 VOH: 2.275Vdc Maximum
12. Output Load: 50 Ohms Maximum
13. Start-up Time: 2mS Maximum
14. Supply Voltage: +3.3Vdc±5%
15. Period Jitter: 3pS Typical, 5pS Maximum (RMS)
16. Phase Jitter (12KHz to 20MHz): 0.5pS Typical, 1.0pS Maximum (RMS)
17. Enable Time: 4mS Maximum
18. Disable Time: 200nS Maximum
19. Standby Current: 30uA Maximum
20. Phase Noise: 10Hz Offset
 100Hz Offset -60dbc/Hz Typical
 1KHz Offset -90dbc/Hz Typical
 10KHz Offset -125dbc/Hz Typical
 100KHz Offset -140dbc/Hz Typical
 -145dbc/Hz Typical

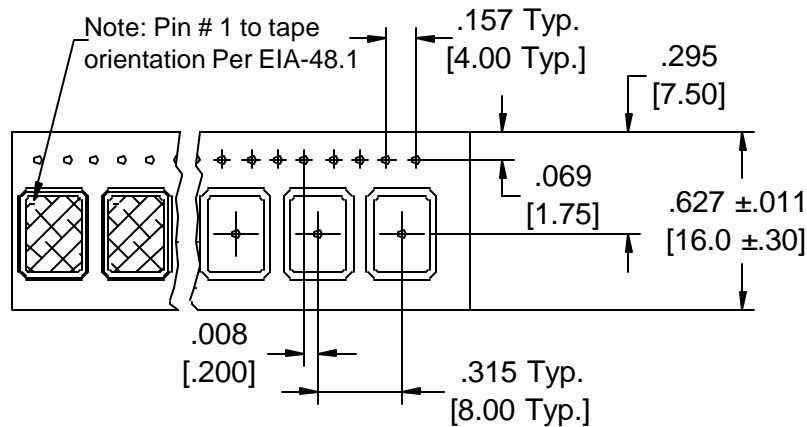
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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	8/26/09	C.H.	8/26/09
						TITLE Crystal Oscillator Assembly		FKA	65021R
						PART NUMBER	PE07C12500MSARX		
						DATE	SCALE	ECN.	REV.
						8/26/09	N.T.S.	E0881	B
B	8/09	2	Updated Mechanical drawing.(Height changed from 1.20mm to 1.70 Max.)	J.L.	E0881	SIZE	A	CAGE	0S4G1
						Page 1 of 2			



Recommended Land Pattern

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



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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	65021R	PE07C12500MSARX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	125.000000 MHz	J.Lawinger
ANGULAR	DRAWING TYPE		DATE
XX=±2°	Crystal Oscillator Assembly		8/26/09
	REV. LEVEL	ECN NO.	CAGE CODE
	B	E0881	0S4G1