Precision Devices, Inc.

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Electrical Specifications

1. Center Frequency: 66.500000 MHz
2. Output: TTL/CMOS
3. Frequency Tolerance @ 25°C: See Frequency Stability
4. Operating Temperature Range: -40°C to +85°C
5. Frequency Stability: ±50ppm (Including Calibration @25°C, Operating Temperature, Supply Voltage Variations, Aging in 1 year)
6. Storage Temperature Range: -55°C to 125°C
7. Duty Cycle (TTL @1.4V, CMOS @50%Vcc): 45/55%
8. T-Rise, T-Fall: 5.0nS maximum
9. Supply Current: 50mA maximum
10. Supply Voltage: +3.3Vdc ±0.15Vdc
11. Output Voltage: TTL at 0.4V to 2.4V
    Output Voltage: CMOS at 10%Vcc to 90%Vcc
12. Load Cpacitance: 15pF
13. Phase Jitter: 100ps maximum (peak to peak)
14. Fanout (1 to 5 gates): 1.6mA/gate

Note: 1) 6 days aging Minimum @ 105°C
2) 24 hour settle time before 100% testing @ 25°C
3) Sample Perturbation Test Every 1°C: ±5ppm Maximum

Truth Table for Enable/Disable Function

Terminal 1 (Enable/Disable control)	Function	Function
Ground or ≤ 0.5V	Disabled	High Impedance
≥ 2.0V or Open (1)	Enabled	Active

(1) Terminal 1 is normally high by an internal pull-up resistor.

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN
A	12/08	1	Added Truth table to spec. sheet	J.L.	E0850

Originator	Date	Engineering	Date
J.L.	1/9/09	C.S.	1/9/09

TITLE: Ceramic Crystal Oscillator Assembly
FKA: 6966R
PART NUMBER: OC7E66500XCCDRX

DATE	SCALE	ECN.	REV.
1/9/09	N.T.S.	E0850	A

SIZE: A CAGE: 0S4G1

Для заказа отправьте заявку на почту: mail@kvarci.ru
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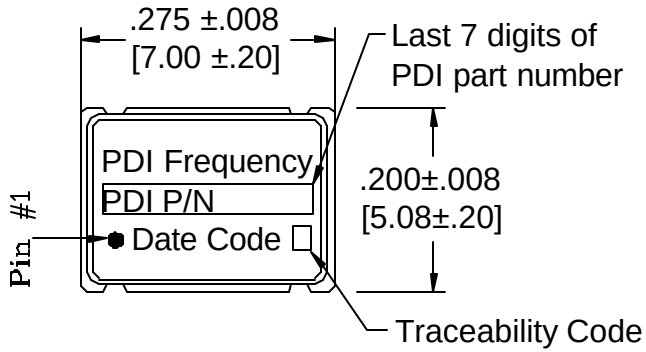
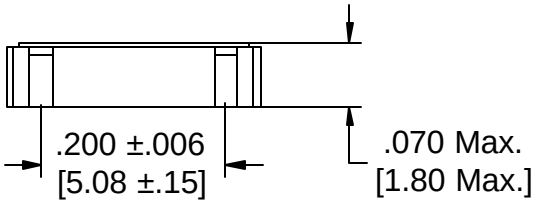
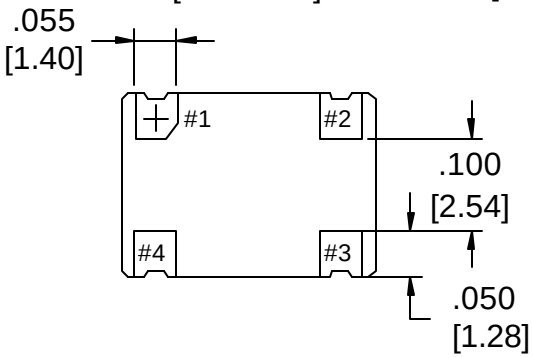
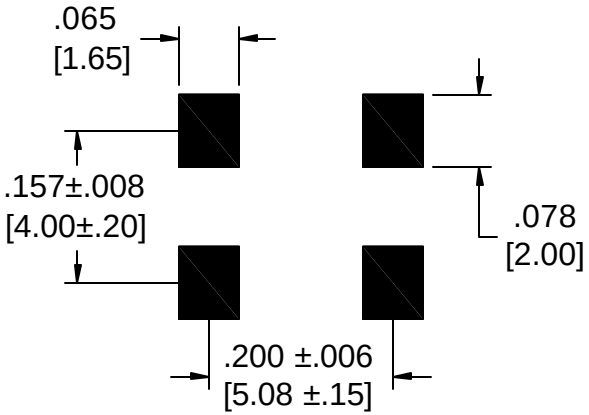




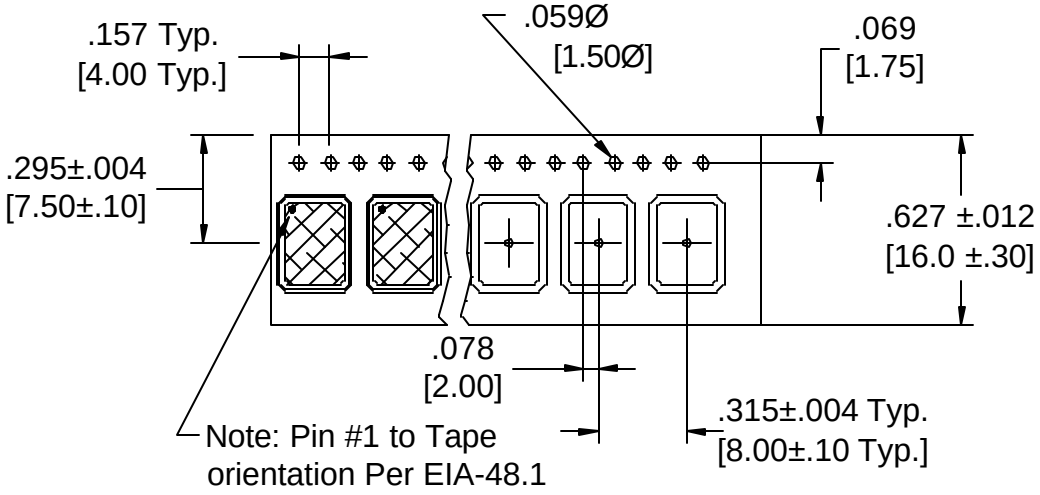




Recommended Land Pattern

PIN	Connection
1	Enable/Disable
2	Ground
3	Output
4	Vcc

GREEN PRODUCT
RoHS
Compliant
EU 2002/95/EC
Precision Devices, Inc.



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 6966R	PART NUMBER OC7E66500XCCDRX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 66.500000 MHz	DRAWN BY J.Lawinger
ANGULAR XX=±2°	DRAWING TYPE Ceramic Crystal Oscillator Assembly		DATE 1/9/09
	REV. LEVEL A	ECN NO. E0850	CAGE CODE 0S4G1

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