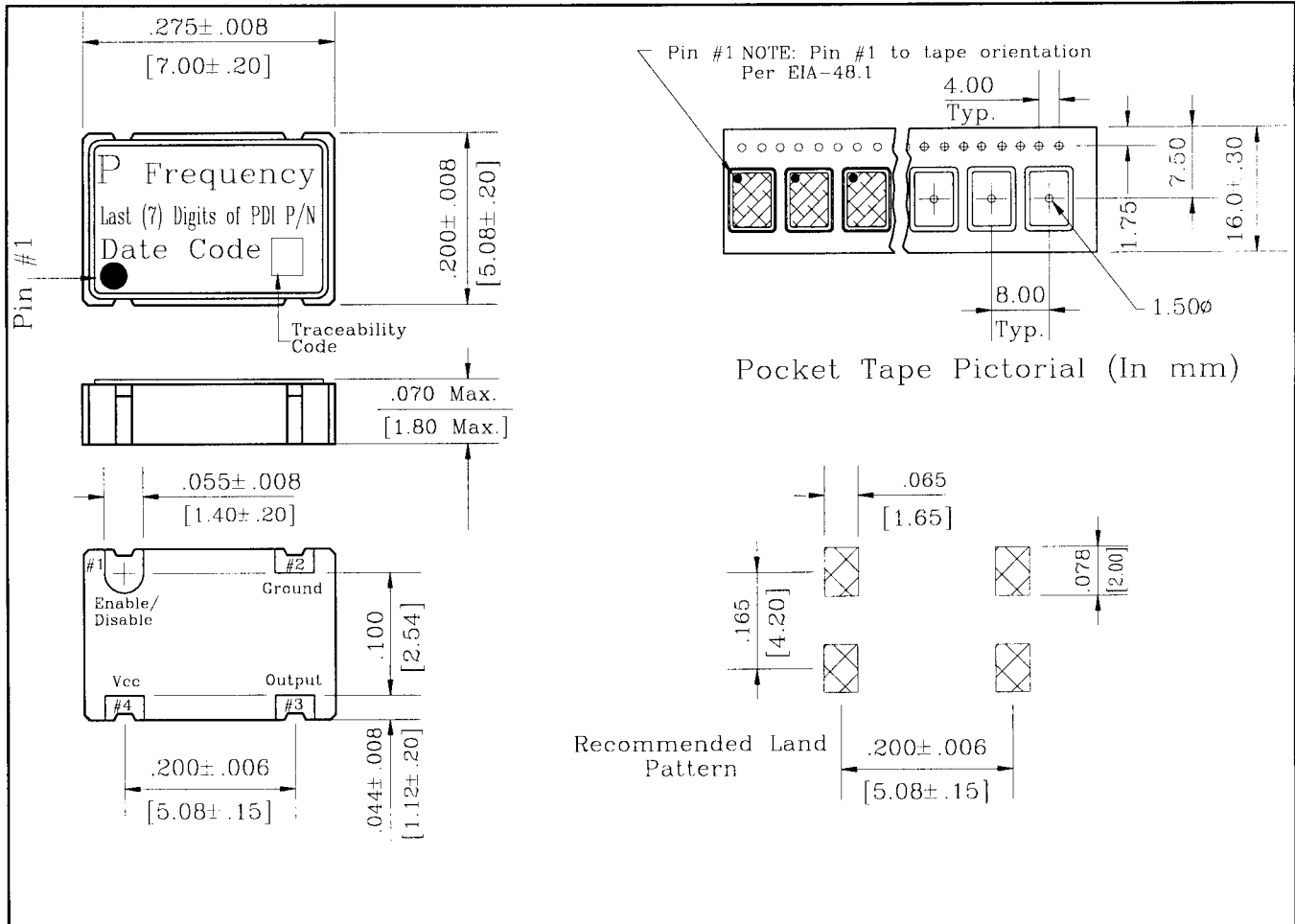


# Precision Devices Inc.

## Crystal Oscillator Specification

8840 N. Greenview Drive, Middleton, WI 53562

	<b>Init.</b>	<b>Date</b>
<b>Originator:</b>	D. G.	10-16-03
<b>Approved By:</b>	J. G. S.	10-16-03



**Tol. unless otherwise specified** decimal: 0.XXX=±0.004;  
0.XX=±0.010

**Special Instructions**

<b>Frequency:</b>	13.824000 MHz
<b>Output:</b>	TTL/CMOS
<b>Frequency Tol. @ 25°C:</b>	± 25 ppm
<b>Operating Temperature:</b>	-40 to 85
<b>Frequency Stability:</b>	± 25 ppm
<b>Storage Cycle Range:</b>	-55 to 125
<b>Duty Cycle:</b>	40/60%Max. 45/55%Typ.
<b>T-Rise, T-Fall:</b>	6.0nS Max., 2.0nS Typ.
<b>Supply Current (mA max)</b>	50 for 70 MHz, 25 for 25 MHz
<b>Supply Current O.T.:</b>	N/A
<b>Supply Voltage:</b>	+3.3 VDc ±10%

**Part Number:** OC7E13824XCBDRX

**Formerly:** 5059R

**Rev:** N/A **ECN:**

**Date:** 10/16/03

**Ceramic SMD Osc. [Cat. pkg. OSC7] w/Enable Tape & Reel**