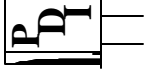


Precision Devices, Inc.



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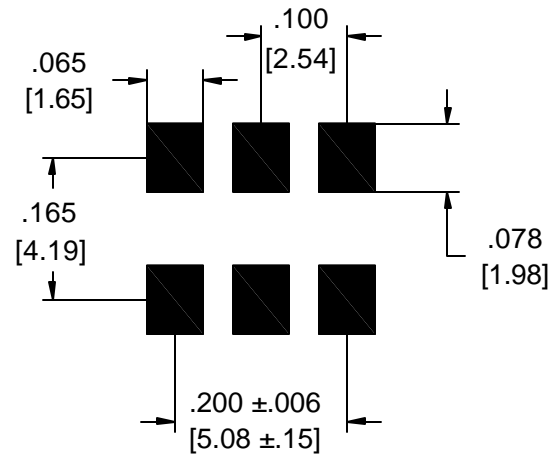
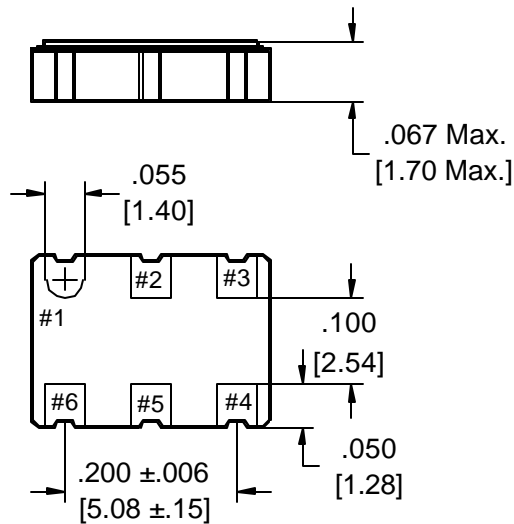
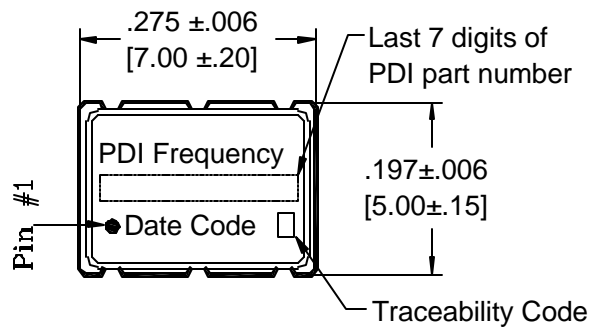
Electrical Specifications

- Center Frequency: 90.000000 MHz
- Output: LVDS
- Frequency Tolerance: See Note 5
- Operating Temperature Range: -40°C to +85°C
- Frequency Stability over Temperature: ± 25 ppm (All Inclusive @ 25°C, and 20 years of Aging)
- Storage Temperature Range: -55°C to +125°C
- Supply Voltage: +2.5Vdc $\pm 5\%$
- Supply Current: 40mA Max.
- Jitter: 1pS RMS Max., from 12KHz to 20MHz from carrier
- Enable/Disable Option:
 - Output enabled when pin 1 is open or at CMOS logic "1"
 - Output disabled when pin 1 is at CMOS logic "0"

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| REV. | DATE | PAGE | DESCRIPTION | Auth. | ECN |
|------|------|------|----------------------------------|--------|-------------|
| | | | | | |
| | | | TITLE | FKA | |
| | | | LVDS Crystal Oscillator Assembly | | 6381 |
| | | | PART NUMBER | | |
| | | | LV0790000XEBDXX | | |
| | | | DATE | SCALE | ECN. |
| | | | 5/16/07 | N.T.S. | N/A |
| | | | SIZE | CAGE | REV. |
| | | | A | OS4G1 | N/A |
| | | | | | Page 1 of 2 |

FOR PRELIMINARY USE ONLY
Specifications subject to change without notice.



Recommended Land Pattern

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

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Manufacturer of Quartz Crystal Products

| | | | |
|----------------------------------|--------------------------|---------------------------------------|-------------------------------|
| DECIMAL XX=±.020 XXX=±.008 | DWG FILE 6381 | PART NUMBER LV0790000XEBDXX | |
| METRIC XX=±.50 XXX=±.20 | SCALE N.T.S. | FREQUENCY 90.000000 MHz | DRAWN BY J.Lawinger |
| ANGULAR XX=±2° | REV. LEVEL N/A | ECN NO. N/A | DATE 5/16/07 |
| | | CAGE CODE OS4G1 | Page 2 of 2 |