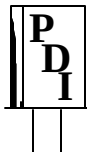


# Precision Devices, Inc.



8840 N. Greenview Dr.  
Middleton, WI 53562  
Phone: 608-831-4445  
1-800-274-XTAL  
Fax: 608-831-3343



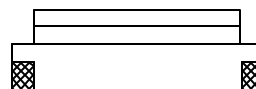
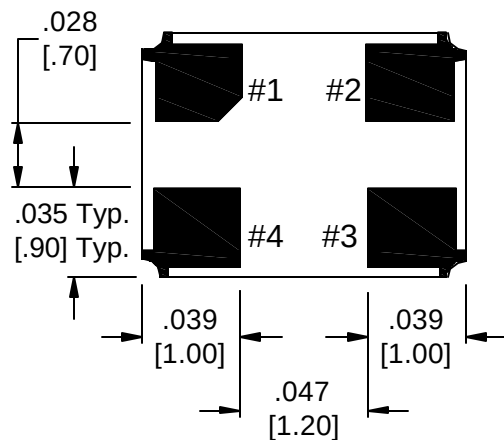
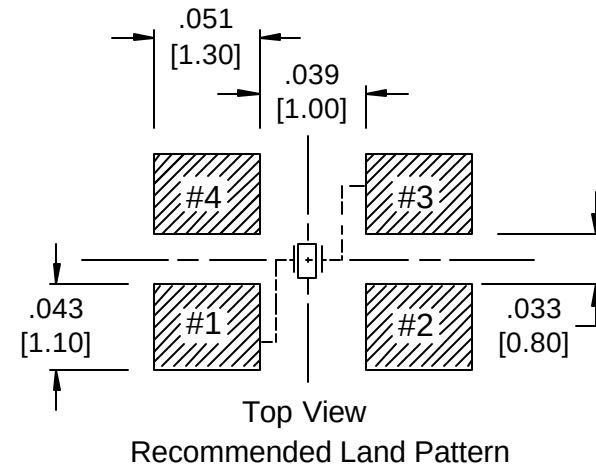
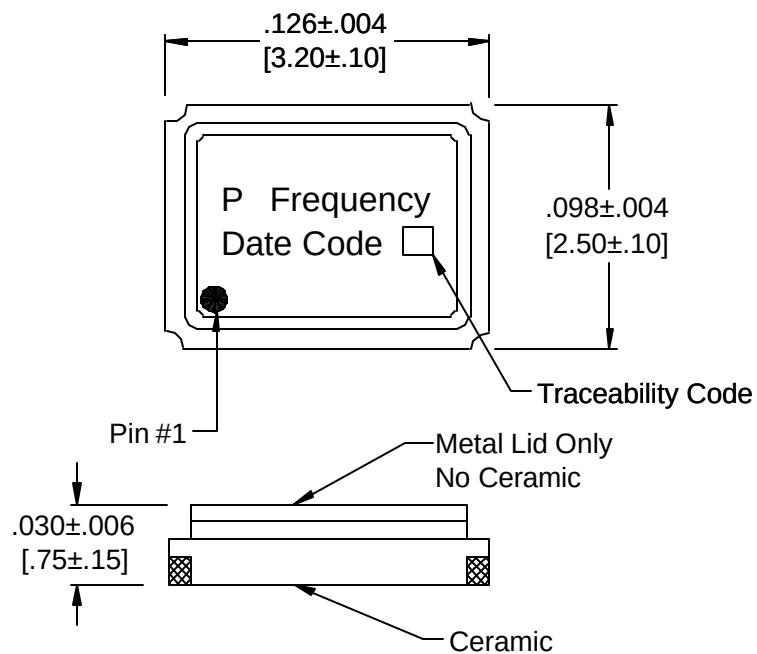
Visit our web site at [www.pdixtal.com](http://www.pdixtal.com)

Sales Information [sales@pdixtal.com](mailto:sales@pdixtal.com)

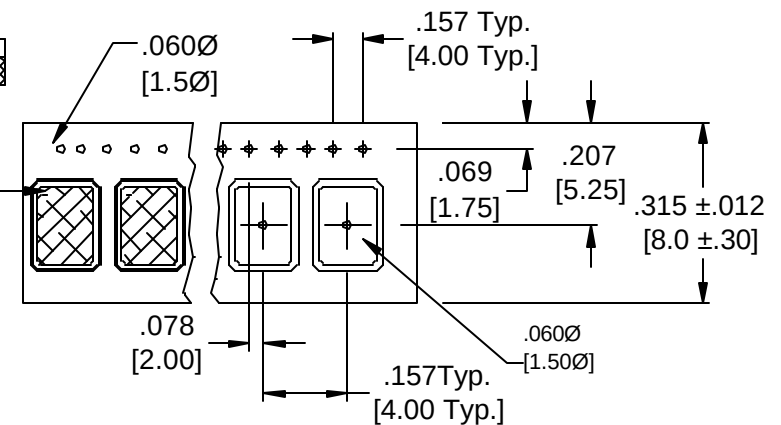
## Electrical Specifications

1. Center Frequency: 16.000000 MHz
2. Oscillation Mode: Fundamental
3. Max. Series Resistance: 80 Ohms
4. Tolerance @ 25°C:  $\pm 15$ ppm
5. Operating Temperature Range: -40°C to +105°C
6. Max. Change over Temp Range:  $\pm 25$ ppm
7. Drive Level: 10uW, 200uW Max.
8. Seal Method: Seam Weld
9. Co (Shunt Capacitance): 7pF Max.
10. C1 (Motional Capacitance): N/A
11. Cl (Load Capacitance): 8pF
12. Aging:  $\pm 5$ ppm/year Max.
13. Spurious: -1.5dB Min.

| REV. | DATE | PAGE | DESCRIPTION | Auth. | ECN | <b>FOR PRELIMINARY USE ONLY</b><br>Specifications subject to change without notice. |                 |             |             |
|------|------|------|-------------|-------|-----|-------------------------------------------------------------------------------------|-----------------|-------------|-------------|
|      |      |      |             |       |     | TITLE<br>Ceramic Crystal Assembly                                                   |                 |             |             |
|      |      |      |             |       |     | PART NUMBER<br><b>C316000XFSE08RX</b>                                               |                 |             |             |
|      |      |      |             |       |     | DATE<br>2/24/10                                                                     | SCALE<br>N.T.S. | ECN.<br>N/A | REV.<br>N/A |
|      |      |      |             |       |     | SIZE<br>A                                                                           | CAGE<br>0S4G1   | Page 1 of 2 |             |

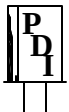
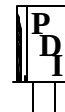


Note: Pin # 1 to tape orientation Per EIA-48.1



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Middleton WI 53562  
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1-800-274-XTAL



Manufacturer of Quartz Crystal Products

| DECIMAL               | DWG FILE                 | PART NUMBER     |            |
|-----------------------|--------------------------|-----------------|------------|
| XX=±.020<br>XXX=±.008 | 90807R                   | C316000XFSE08RX |            |
| METRIC                | SCALE                    | FREQUENCY       | DRAWN BY   |
| XX=±.50<br>XXX=±.20   | N.T.S.                   | 16.000000 MHz   | J.Lawinger |
| ANGULAR               | DRAWING TYPE             | DATE            |            |
| XX=±2°                | Ceramic Crystal Assembly | 2/24/10         |            |
|                       | REV. LEVEL               | ECN NO.         | CAGE CODE  |
|                       | N/A                      | N/A             | 0S4G1      |