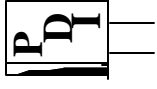


Precision Devices, Inc.

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

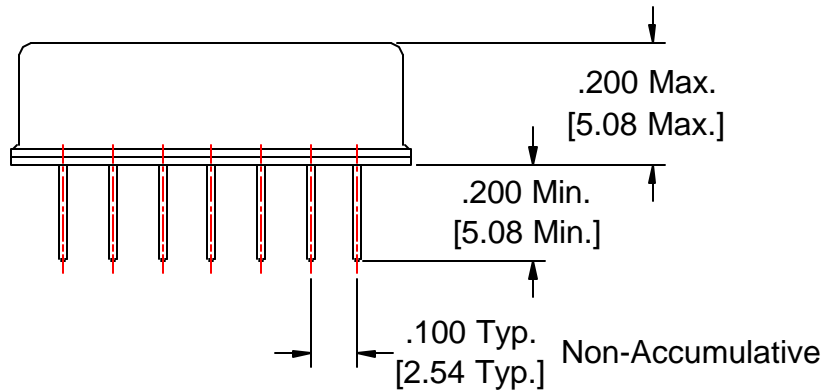
Sales Information sales@pdixtal.com

| Test Inspection | Product Level S Method Condition | Product Level B Method Condition |
|--|--|--|
| Internal Visual | See 4.4.1 | See 4.4.1 |
| Stabilization bake (prior to seal) 1/ | MIL-STD-883, method 1008 Condition C (+150°C) 48 hours min. | MIL-STD-883, method 1008 Condition C (+150°C) 24 hours min. |
| Thermal Shock | MIL-STD-883, method 1011, Condition A | N/A |
| Temperature Cycling | MIL-STD-883, method 1010 Condition B | MIL-STD-883, method 1010 Condition B |
| Constant Acceleration | MIL-STD-883, method 2001. Condition A, Y1 only (5000 g's) | MIL-STD-883, method 2001. Condition A, Y1 only (5000 g's) |
| Seal (Fine and Gross Leak) 2/ | See 4.8.2.2.2 | See 4.8.2.2.2 |
| Particle Impact Noise Detection (PIND) | MIL-STD-883, method 2020 Condition B | N/A |
| Electrical Test: Input Current Power Output Waveform Output Voltage-power As Specified | 4.8.5 4.8.20 4.8.21 3.1 | N/A N/A N/A 3.1 |
| Burn-In (Load) | +125°C, nominal supply voltage and burn-in load, 240 hours minimum | +125°C, nominal supply voltage and burn-in load, 160 hours minimum |
| Electrical Test: Input Current Power Output Waveform Output Voltage-power As Specified | Nominal and extreme supply voltages, specified load, +23°C and temperature extremes, record all test parameters by serial number 4.8.5 4.8.20 4.8.21 3.1 | Nominal supply voltages, specified load, +23°C and verify frequency at the temperature extremes. 4.8.5 4.8.20 4.8.21 3.1 |
| Radiographic 3/ | MIL-STD-883, Method 2012 | N/A |

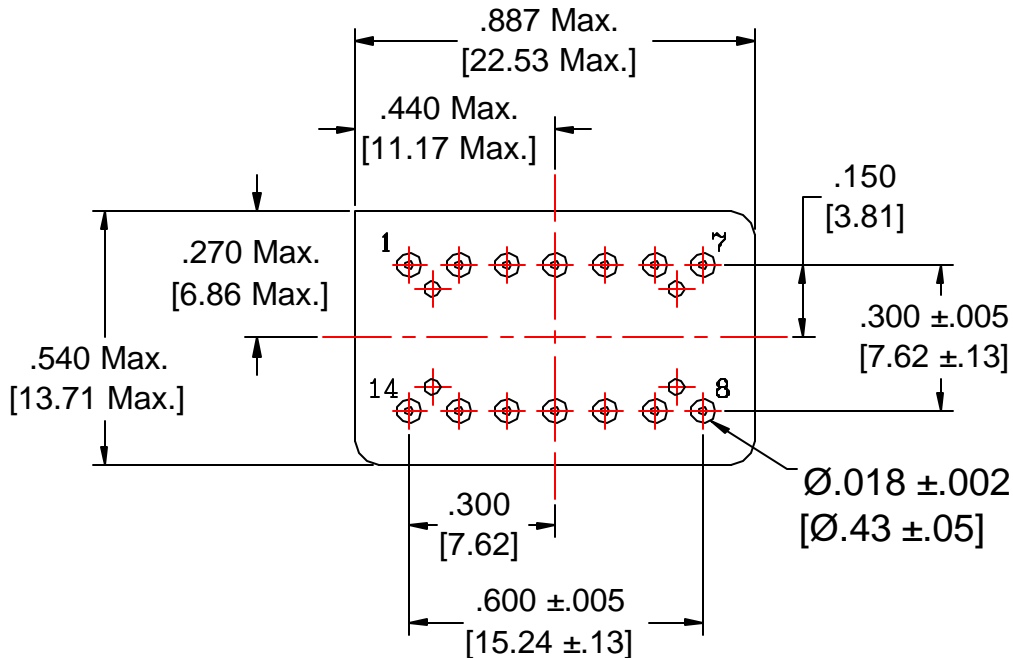
| REV. | DATE | PAGE | DESCRIPTION | Auth. | ECN | FOR PRELIMINARY USE ONLY Specifications subject to change without notice. | | | |
|------|------|------|-------------|-------|-----|--|--------|-------------|------|
| | | | | | | TITLE | FKA | | |
| | | | | | | M55310/16-B21A (Divide by 16) | | 65378Q | |
| | | | | | | PART NUMBER O14N03686XCSEX | | | |
| | | | | | | DATE | SCALE | ECN. | REV. |
| | | | | | | 10/20/09 | N.T.S. | N/A | N/A |
| | | | | | | SIZE | CAGE | Page 2 of 3 | |
| | | | | | | A | 0S4G1 | | |

M55310/16-B
 21A 3M68640
 0S4G1 Date Code
 ● △ S/N XXXXX

Pin#1 ID



| Pin | Connection |
|------|---------------|
| 1~6 | No Connect |
| 7 | B- (Gnd/Case) |
| 8 | Output |
| 9~13 | No Connect |
| 14 | Supply |



Precision Devices Inc.

8840 N. Greenview Dr.
 Middleton WI 53562
 608-831-4445
 1-800-274-XTAL



Manufacturer of Quartz Crystal Products

| DECIMAL | DWG FILE | PART NUMBER | |
|-----------------------|-------------------------------|-----------------------|------------|
| XX=±.020 XXX=±.008 | 65378Q | O14N03686XCSEX | |
| METRIC | SCALE | FREQUENCY | DRAWN BY |
| XX=±.50 XXX=±.20 | N.T.S. | 3.686400 MHz | J.Lawinger |
| ANGULAR | DRAWING TYPE | | DATE |
| XX=±2° | 14-Pin Dip Crystal Oscillator | | 10/20/09 |
| | REV. LEVEL | ECN NO. | CAGE CODE |
| | N/A | N/A | 0S4G1 |