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<table>
<thead>
<tr>
<th>MODEL</th>
<th>SENSITIVITY</th>
<th>OPERATING TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3313A1</td>
<td>1 mV/g</td>
<td>-60 °C TO 250 °C</td>
</tr>
<tr>
<td>3313A2</td>
<td>5 mV/g</td>
<td>-60 °C TO 250 °C</td>
</tr>
<tr>
<td>3313A3</td>
<td>10 mV/g</td>
<td>-60 °C TO 250 °C</td>
</tr>
<tr>
<td>3313A1H</td>
<td>1 mV/g</td>
<td>-60 °C TO 325 °C</td>
</tr>
<tr>
<td>3313A2H</td>
<td>5 mV/g</td>
<td>-60 °C TO 325 °C</td>
</tr>
<tr>
<td>3313A3H</td>
<td>10 mV/g</td>
<td>-60 °C TO 325 °C</td>
</tr>
<tr>
<td>3313A4</td>
<td>5 mV/g</td>
<td>-320 °C TO 250 °C</td>
</tr>
</tbody>
</table>

NOTE 6: IS...DYTRAN 6967AXX, WAS...DYTRAN 6811AXX

RECOMMENDED MOUNTING TORQUE 6-8 lb-in.

3313AXH MATES WITH DYTRAN 6967AXX CABLE (XX= LENGTH IN FEET)

3313AX MATES WITH DYTRAN 6811AXX OR 6824AXX CABLE (XX= LENGTH IN FEET)

SENSITIVITY: SEE CHART

WEIGHT: 4 GRAMS APPROX.

ARROWS INDICATE ACCELERATION DIRECTION FOR POSITIVE OUTPUT

1. MATERIAL: TITANIUM ALLOY

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. THDS PER MIL-S-7742. DIMENSIONS APPLY AFTER FINISHING, ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADIUS .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.

DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS. TOLERANCES ARE:

- INCHES: .003 ± .008 ± 1°
- METRIC: XX ± .010 XX ± .020

MOUNTING SURFACE: 10-32 UNF 2B X .12


MOUNTING RECOMMENDATIONS:

MASTER ONLY IF IN RED

OUTLINE/INSTALLATION DRAWING, 3313A SERIES

SOLIDWORKS SHEET 1 OF 1
**TRIAXIAL IEPE ACCELEROMETER**

**This family also includes:**

- **WEIGHT ONLY 4 GRAMS**
- **EXCELLENT LINEARITY**
- **TEMPERATURE STABILITY**
- **HERMETICALLY SEALED**

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity (mV/g)</th>
<th>Range F.S (g)</th>
<th>Time Constant (sec)</th>
<th>Operating Temperature (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3313A2</td>
<td>5</td>
<td>± 1000</td>
<td>0.2 to 1.0</td>
<td>-60 to +250</td>
</tr>
<tr>
<td>3313A3</td>
<td>10</td>
<td>± 500</td>
<td>0.2 to 1.0</td>
<td>-60 to +250</td>
</tr>
</tbody>
</table>

Please, refer to the performance specifications of the products in this family for detailed description.

**Supplied Accessories:**

1) Accredited calibration certificate (ISO 17025)
2) Model 6200 mounting stud

**Notes:**

[1] Measure at 100Hz, 1 grms per ISA RP 37.2
[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.
[5] Typical, not to exceed .10 Grms [.98 m/s² rms]
[6] Mates with Dytran 6811AXX or 6824AXX cable (XX = Length in feet)

In the interest of constant product improvement, we reserve the right to change specifications without notice.

- **Units on the line drawing are in inches. Refer to 127-3313A for more information.**

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