1. WEIGHT: 1.3 GRAMS MAX, LESS CABLE.

NOTES: UNLESS OTHERWISE SPECIFIED

2. HOUSING MATERIAL: TITANIUM ALLOY.

3. CABLE IS LOW OUT-GASSING PER NASA SPECIFICATIONS OF TML (TOTAL MASS LOSS) LESS THAN 1%; AND CVCM (COLLECTED VOLATILE CONDENSABLE MASS) LESS THAN 0.1%.

4. ARROWS INDICATE DIRECTION OF ACCELERATION FOR POSITIVE OUTPUT.

5. DYTRAN MODEL 6298 PETRO MOUNTING WAX AND MODEL 6741 REMOVAL TOOL, SUPPLIED.

6. PART NO: 3133DXT-XX (WHERE APPLICABLE, -XX DENOTES LENGTH IN FEET). SEE TABLE FOR LENGTH TOLERANCE.

7. FOR BEST FREQUENCY RESPONSE, PREPARE A FLAT MOUNTING SURFACE OF AT LEAST 0.39 FLAT TO 0.001 TIR. APPLY ONE DROP OF CYANOACRYLATE ADHESIVE TO MOUNT THE ACCELEROMETER.

8. HOUSING MATERIAL: TITANIUM ALLOY.

9. WEIGHT: 1.3 GRAMS MAX, LESS CABLE.

NOTES: UNLESS OTHERWISE SPECIFIED
### PHYSICAL

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensitivity (mV/g)</th>
<th>Range (Gpeak)</th>
<th>Resolution (Grms)</th>
<th>Oper. Temp(°F)</th>
<th>TC</th>
</tr>
</thead>
<tbody>
<tr>
<td>3133D1T-XX</td>
<td>10</td>
<td>500</td>
<td>0.02</td>
<td>-67 to 320</td>
<td>1.1 to 2.5</td>
</tr>
<tr>
<td>3133D2T-XX</td>
<td>2</td>
<td>2500</td>
<td>0.15</td>
<td>-67 to 320</td>
<td>0.5 to 2.5</td>
</tr>
<tr>
<td>3133D3T-XX</td>
<td>5</td>
<td>1000</td>
<td>0.06</td>
<td>-67 to 320</td>
<td>1.1 to 2.5</td>
</tr>
<tr>
<td>3133D4T-XX</td>
<td>0.7</td>
<td>5000</td>
<td>0.3</td>
<td>-67 to 320</td>
<td>0.5 to 2.5</td>
</tr>
</tbody>
</table>

Refer to the performance specifications of the products in this family for detailed description

**Supplied Accessories:**
- 1) Model 6298 small petro wax
- 2) Model 6741 removal tool
- 3) Accredited calibration certificate (ISO 17025)

**Notes:**
- [1] Measured at 100 Hz, 10 Grms
- [2] Actual sensitivity is given on a calibration certificate
- [4] Do not apply power to this device without current limiting, 20mA max, to do so will destroy the integral IC amplifier
- [5] In the interest of constant product improvement, we reserve the rights to change the specifications without notice. It is the customer’s responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer’s technical experts.

**Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3133DT for more information.**