CABLE, 4-CONDUCTOR, SHIELDED. SEE TABLE FOR SPECIFICATIONS.

7. WEIGHT: LESS CABLE: 0.9 GRAMS

6. MODEL 6298 PETRO MOUNTING WAX, SUPPLIED

5. MATING CABLES ARE MODELS 6824AXX (SANTOPRENE), OR 6811AXX,
(TEFLON) 4-PIN CONNECTOR TO 3 BNC's "XX" IS THE CABLE LENGTH IN FEET.

4. HOUSING MATERIAL: TITANIUM. GND. ISO BASE: ANODIZED ALUMINUM.

3. LETTERS 'X': 'Y': 'Z' INDICATE DIRECTION OF ACCELERATION OF EACH AXIS
FOR POSITIVE GOING OUTPUT VOLTAGE (AS MARKED SURFACE ACCELERATES
TOWARD VIEWER.) SEE DIRECTIONAL ARROWS ON DRAWING FACE.

FOR BEST FREQUENCY RESONCE, PREPARE FLAT MOUNTING
SURFACE OF AT LEAST Ø.45, FLAT TO .001 TIR. APPLY ONE OR TWO DROPS OF
CYANACRYLATE ADHESIVE TO MOUNT ACCELEROMETER.

LENGTH OF CABLE ASSEMBLY IS DESIGNATED BY DIM 'A' (SEE VARIATION CHART)

NOTES: UNLESS OTHERWISE SPECIFIED
This family also includes:

Model | Sensitivity (mV/g) | Range (Gpeak) | Resolution (Grms) | Oper. Temp(°F) | TC
--- | --- | --- | --- | --- | ---
3133B1 | 10 | 500 | 0.02 | -60 to 250 | 1.0 to 2.5
3133B3 | 5 | 1000 | 0.06 | -60 to 250 | 1.0 to 2.5

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
[3] Do not apply power to this device without current limiting, 20mA max, to do so will destroy the integral IC amplifier

ENVIRONMENTAL

Shock | 5000 | Gpeak | m/s²
Vibration | 2500 | Gpeak | m/s²
Operating Temperature | -60 to +300 | °F | °C
Magnetic Sensitivity at 100 Gauss | 0.00004 | g/Gauss | m/s²/Gauss
Base Strain Sensitivity | 0.15 | g/µε | m/s²/µε

ELECTRICAL

Compliance Voltage | +18 to +30 | VDC | +18 to +30 | VDC
Current Range | 2 to 20 | mA | 2 to 20 | mA
Discharge Time Constant | 0.3 to 2.5 | seconds | 0.3 to 2.5 | seconds
Case Isolation, MΩ | 10 | GΩ | 10,000 | GΩ
Bias Voltage | +7 to +9 | VDC | +7 to +9 | VDC
Output Impedance | 100 | Ω | 100 | Ω

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