



SPECIFICATIONS

Ranges (in Peak g):	+/-2 to 500
Excitation Voltage:	5 VDC NOM, 10 VDC MAX *
Non-linearity & Hysteresis:	+/-1% F.S.
Frequency Response (%):	+/-10%**
Transverse sensitivity:	3% max.
Damping Ratio:	.7 C @ 70°F, nominal
Resolution:	Infinite
Operating Temperature:	-40 to +250 deg F
Compensated Temperature:	70 to 200 deg F
Temperature Effect on:	
- Zero (max):	±2% F.S.
- Sensitivity (max):	±10% F.S.
Strain Gage Type:	Silicon piezoresistive
Bridge Resistance:	4.0k ohms, nominal
Insulation Resistance	5000 Mohms
Safe Overload:	400g for ±2g, ±5g, ±10g, ±20g, 20X F.S. or 2000g whichever is less for other ranges.
Case Material:	Aluminum

*Output voltage is proportional to input voltage.

** Within usable frequency range (see Table)

WIRING CODE

RED	+EXCITATION
BLACK	-EXCITATION
GREEN	-OUTPUT
WHITE	+OUTPUT

-08	±500G	.1 mV/g	0.06/0.15 mV/g	0-2000	5000 Hz
-07	±200G	.2 mV/g	0.15/0.3 mV/g	0-2000	4000 Hz
-06	±100G	.5 mV/g	0.3/0.6 mV/g	0-800	3000 Hz
-05	±50G	1 mV/g	0.6/1.5 mV/g	0-600	2000 Hz
-04	±20G	2 mV/g	1.5/3.0 mV/g	0-600	1500 Hz
-03	±10G	5 mV/g	3.0/7.0 mV/g	0-250	1000 Hz
-02	±5G	10 mV/g	5.0/15.0 mV/g	0-250	800 Hz
060-F482-01	±2G	15 mV/g	8.0/20.0 mV/g	0-250	700 Hz
PART NUMBER	RANGE	SENSITIVITY (NOMINAL)	SENSITIVITY (MIN/MAX)	USABLE FREQUENCY RANGE (Hz)	MOUNTED RESONANT FREQUENCY (Hz)

REV ECN USED ON

SCALE: NONE
.X ±.1
.XX ±.01
.XXX ±.005
±1/2"

-	INITIAL RELEASE TO PRODUCTION	-	-	-
REV	DESCRIPTION	REVISED BY	APPROVED BY	
DRW: RWM 2/2/2000	CHK: RAF 02/07/00	MFG:	ENG: NCG 2-10-00	
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SCREW MOUNT (FLAT PACK) ACCELEROMETER ± 2g THRU ±500g				
63		DOCUMENT NUMBER		
SHEET 1 OF 1		000-F482-00		