Model Number 3711F1250G DC RESPONSE ACCELEROMETER								evision: A CN #: 53791
Performance Sensitivity(± 3 %) Measurement Range Frequency Range(± 5 %) Frequency Range(± 10 %) Resonant Frequency Phase Response(100 Hz) Non-Linearity(Typical) Non-Linearity(Typical) Transverse Sensitivity(Typical) Transverse Sensitivity(Max) Environmental Overload Limit(Shock) Temperature Range(Operating) Temperature Range(Storage) Temperature Coefficient of Sensitivity Zero g Offset Temperature Coefficient Base Strain Sensitivity Electrical Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g) Spectral Noise(10 Hz) Spectral Noise(10 Hz) Spectral Noise(10 Hz) Electrical Sensitivity Electrical Sensitivity Weight(with cable) Electrical Connector Electrical Connector Elect	ENGLISH 27 mV/g $\pm 50 g pk$ 0 to 1,500 Hz 0 to 2,000 Hz 6.5 kHz $\leq 10^{\circ}$ 3 % 1 % 1.5 mg rms 1 % 3 % $\pm 5,000 g pk$ -65 to +250 °F -65 to +250 °F -65 to +250 °F $\pm 1 \%$ $\pm 1 \%$ FSO 0.001 g/µE 40 µg/gauss 5 to 32 VDC $\leq 5 mA$ $\leq 120 Ohm$ +/- 20 mVDC 150 µg/√Hz 150 µg/\%Hz 150 µg/	SI 2.8 mV/(m/s <sup>2</sup> ) $\pm$ 490 m/s <sup>2</sup> pk 0 to 1,500 Hz 0 to 2,000 Hz 6.5 kHz $\leq$ 10 ° 3 % 1 % 0.015 m/s <sup>2</sup> rms 1 % 3 % $\pm$ 49,050 m/s <sup>2</sup> pk -54.0 to +121 °C -54.0 to +121 °C $\pm$ 1 % FSO 0.01 (m/s <sup>2</sup> )/µe 3.9 (m/s <sup>2</sup> )/Tesla 5 to 32 VDC $\leq$ 5 mA $\leq$ 120 Ohm +/- 20 mVDC 1.472 (µm/s <sup>2</sup> )//Hz 1.472 (µm/s <sup>2</sup> )//Hz 3.05 m Through Hole	<ul> <li>[1]</li> <li>[2]</li> <li>[3]</li> <li>[2]</li> <li>[2]</li> <li>[2]</li> <li>[2]</li> <li>[6]</li> <li>[2]</li> <li>[3]</li> <li>[4]</li> <li>[5]</li> <li>[4]</li> <li>[5]</li> <li>[6]</li> <li>[7]</li> <li>[8]</li> <li>[8]</li> <li>[9]</li> <li>[9]</li></ul>	NOTES: [1]Measured at 10 [2]Typical. [3]Zero-based, lea [4]-65 to +250 °F, [5]FSO = Full Scale [6]Offset tolerance SUPPLIED ACC Model 080A152 Ea: Model 080A152 Faither and the second	20 Hz, 10 grms. 10 Hz, 10 grms. 10 st-squares, straight I ref. 75 °F (-54 to +12' Output over the Mea e is based on 10 ft of ESSORIES: sy Mount Clip (1) ounting screw asseml	line method. 1°C, ref. 24 °C) source and the source of t	es as listed for the sta	
				Entered: ND	Engineer: NJF	Sales: JM	Approved: BAM	Spec Number:
				Date: 05/16/2023	Date: 05/16/2023	Date: 05/16/2023	Date: 05/16/2023	70748
All specifications are at room temperature In the interest of constant product improve		ange specifications without r	notice.		AN AMPHENDL ( Je, Depew, NY 14043		6840001 684-0987 o@pcb.com	