Model Number								ision: H
339A31		TRIAXIAL ICP® ACCE						
Performance	ENGLISH	SI			OF	TIONAL VERSI	ONS	
Sensitivity(± 10 %)	10 mV/g	1.02 mV/(m/s <sup>2</sup> )		Optional versions	-		ssories as listed for th	ne standard mode
Measurement Range	± 500 g pk	± 4905 m/s² pk					ne option may be use	
Frequency Range(± 5 %)	2 to 6000 Hz	2 to 6000 Hz						
requency Range(± 10 %)	1 to 8000 Hz	1 to 8000 Hz						
Resonant Frequency	≥ 25 kHz	≥ 25 kHz						
Filter Type(single pole)	Low Pass	Low Pass						
lectrical Filter Roll-off	6 dB/octave	6 dB/octave						
Electrical Filter Corner Frequency	>13 kHz	>13 kHz						
Broadband Resolution(1 to 10,000 Hz	) 0.008 g rms	0.078 m/s <sup>2</sup> rms	[1]					
Non-Linearity	<pre>&gt; 0.000 g m.0 ≤ 0.5 %</pre>	≤ 0.5 %						
Fransverse Sensitivity	≤ 5 %	≤ 5 %						
Environmental	2070	20,0						
Dverload Limit(Shock)	± 5000 g pk	± 49.050 m/s² pk						
Femperature Range(Operating)	-65 to +325 °F	-54 to +163 °C						
remperature Response	See Graph	See Graph	[1]	NOTES:				
Temperature Coefficient of Sensitivity	≤ .011 %/°F	≤ 0.020 %/°C	r.1	[1] Typical.				
Electrical	2.011 /0/1	- 0.020 /0/ 0		[2] See PCB Dec	claration of Conform	ance PS023 for det	ails.	
Excitation Voltage	18 to 30 VDC	18 to 30 VDC						
Constant Current Excitation	2 to 20 mA	2 to 20 mA						
Dutput Impedance	≤ 200 Ohm	≤ 200 Ohm						
Dutput Bias Voltage(Room Temperatu		7 to 12 VDC						
Discharge Time Constant	0.6 to 2 sec	0.6 to 2 sec						
Settling Time(within 10% of bias)	<3 sec	<3 sec						
Spectral Noise(1 Hz)	<3 sec 1700 μg/√Hz	<5 sec 16,660 (µm/sec <sup>2</sup> )/√Hz	[1]					
			[1]					
Spectral Noise(10 Hz)	500 μg/√Hz	4900 (µm/sec <sup>2</sup> )/√Hz						
Spectral Noise(100 Hz)	200 µg/√Hz	1960 (µm/sec <sup>2</sup> )/√Hz	[1]					
Spectral Noise(1 kHz)	100 µg/√Hz	980 (µm/sec <sup>2</sup> )/√Hz	[1]					
Physical								
Sensing Element	UHT-12™	UHT-12™						
Sensing Geometry	Shear	Shear						
Housing Material	Titanium	Titanium						
Sealing	Hermetic	Hermetic						
Size (Height x Length x Width)	0.55 in x 0.4 in x 0.4 in	14 mm x 10.2 mm x 10.2 mm						
Neight	0.2 oz	5.5 gm	[1]					
Electrical Connector	8-36 4-Pin	8-36 4-Pin		SUPPLIED AC	CESSORIES:			
Electrical Connection Position	Side	Side			able 10FT Mini 4 Pi	n To (3) BNC (1)		
Mounting	Stud	Stud			esive Mounting Bas	e (1)		
Nounting Thread	5-40 Female	5-40 Female		Model 080A109 F				
					uick Bonding Gel (1 ounting Stud (5-40			
	Typical Sensitiv	Typical Sensitivity Deviation vs Temperature			lounting Stud (5-40 l			
							se, 10 Hz to upper 59	% frequency, (1)
	Deviation(%)						upper 5% point to 10	
	12 E 5		$\neg$	ACS-1T or equiva				• •
				Model M081A27	Metric mounting stu	d, 5-40 to M3 x 0.50	0 long (1)	
	5 5 -5-		$\neg$					
[2]								
	-70 -20	30 80 130 180 230 280	330	Entered: LK	Engineer: GJR	Sales: JC	Approved: BAM	Spec Numbe
		Temperature (°F)		Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	41207
Il specifications are at room temperat	ure unless otherwise specified.				1215		Dhanas 74	6 604 0004
		ge specifications without notice.		VDCE	DIF7/T	סחאורכ		6-684-0001
	•			FLD	FILLUIT	UNICS		
In the interest of constant product implicitly $ICP^{\textcircled{B}}$ is a registered trademark of PCE	rovement, we reserve the right to char	ge specifications without notice.		3425 Walden Ave	PIEZOTI enue, Depew, NY 14	<b>RONICS</b> **	Fax: 716-( E-Mail: in	6