Model Number 66332APZ1	ICP [®] TO-8 ACCELEROMETER							Revision: C ECN #: 50920
	EN GUIGH				-			2011 - 190520
Performance Sensitivity(± 20 %)	ENGLISH 1,000 mV/g	SI 102 mV/(m/s²)	[1][2]	Optional versions h	ave identical specifi	PTIONAL VERSI cations and accessor	ties as listed for the st	andard model exce
Measurement Range		$\pm 50 \text{ m/s}^2$	[1][2]	optional versions in	where noted be	low. More than one of	ies as listed for the sta option may be used.	
Frequency Range(± 3 dB)	± 5 g 0.25 to 5k Hz	0.25 to 5k Hz	[3][4]					
Resonant Frequency	> 16 kHz	> 16 kHz	[4]	temperatures	rature, extends nor	mai operation		
Broadband Resolution	38 µg rms	-	[4]	Temperature Range(Operating		-65 to 250 °F	-)	54 to 121 °C
		373 µm/sec ² rms		Range(Operating)			
Non-Linearity	≤1%	≤ 1 %	[6]	RH - RoHS Com	oliant			
Transverse Sensitivity Environmental	≤ 7 %	≤ 7 %						
Acceleration Sensitivity(± 20 %)	1,000 mV/g	102 mV/(m/s ²)	[2]					
Overload Limit(Shock)	5,000 g pk	49k m/s ² pk	[2]					
emperature Range(Operating)	-65 to +185 °F	-54 to +85 °C						
Cemperature Response	See Graph	See Graph	[5]					
Electrical	See Graph	See Graph	[5]					
Settling Time(within 1% of bias)	≤ 30 sec	≤ 30 sec						
Discharge Time Constant	≥ 0.65 sec	≥ 0.65 sec						
Excitation Voltage	18 to 28 VDC	18 to 28 VDC						
Constant Current Excitation	2 to 20 mA	2 to 20 mA						
Output Impedance	< 550 Ohm	< 550 Ohm						
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC						
Spectral Noise(10 Hz)	1.9 µg/√Hz	18.6 (µm/sec ²)/√Hz	[5]					
Spectral Noise(100 Hz)	0.6 µg/√Hz	5.9 (µm/sec ²)/√Hz	[5]					
Spectral Noise(1 kHz)	0.4 µg/√Hz		[5]					
	0.4 µg/ v Hz	3.9 (µm/sec ²)/√Hz	[2]					
Physical	0.64.5 0.57.5	16.2 11.5						
Size (Lip Diameter x Height)	0.64 in x 0.57 in	16.3 mm x 14.5 mm						
Weight	0.88 oz	25 gm						
Mounting Sensing Element	Adhesive/Solder Ceramic	Adhesive/Solder Ceramic						
Sensing Geometry	Shear	Shear						
Housing Material	Stainless Steel	Stainless Steel						
Sealing	Welded Hermetic	Welded Hermetic						
Electrical Connector	Header Pins	Header Pins						
Electrical Connection Position	Bottom	Bottom		NOTES:				
Electrical Connections(Pin 1)	Signal / Power	Signal / Power			. 1 0.01 /2			
Electrical Connections (Pin 2)	Ground	Ground			ctor 1g = 9.81 m/s^2 .			
Electrical Connections(Pin 3)	No Connection	No Connection				ward direction when	of the specified freque	200
					lepends on mountin		of the specified freque	incy.
				[4] Ferformance c		ig		
					ast-squares, straigh	nt line method		
						nce PS023 or PS060	for details.	
		itivity Deviation vs Temp						
	30 30 15 0 15 0 15 -15 							
	ĕ			SUPPLIED AC				
	:쁥 30 T				-traceable single-po	pint amplitude respo	nse calibration at 600) cpm (100 Hz) for
	:뛷 15 ———			each axis (1)				
[7]	<u>ہے</u> ۔ 15							
	jā _30							
	ີສິ -75 -25	25 75 125 17	5 005 07	5				
	ຍ -ເວັ-20 ທີ	20 10 120 17	J 22J 20	5				
		Tomportum (PE)						
		Temperature (°F)		Entered: LK	Engineer: NJF	Sales: MC	Approved: NJF	Spec Number:
				Date: 07/07/2020	Date: 07/07/2020	Date: 07/07/2020	Date: 07/07/2020	47329
							000 050 4464	
				\$\$18,811	CENICADO		800-959-4464 5-684-3823	
					באטכווזכ		imi@pcb.com	
All specifications are at room temperati	in unless otherwise specified			A PCB PIEZ	OTRONICS DIV	-		
n the interest of constant product impro		hange specifications without	notice		nue, Depew, NY 140			
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