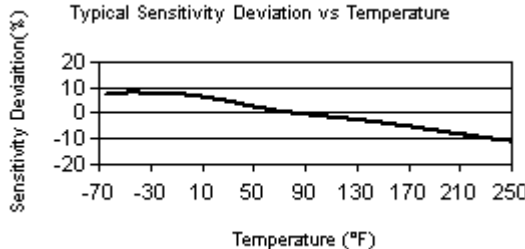


Model Number 352M212		ICP® ACCELEROMETER		Revision: A ECN #: 42197		
Performance		ENGLISH	SI	OPTIONAL VERSIONS		
Sensitivity(± 15 %)		10 mV/g	1.02 mV/(m/s²)	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
Measurement Range		± 500 g pk	± 4900 m/s² pk			
Frequency Range(± 5 %)		0.5 to 10,000 Hz	0.5 to 10,000 Hz			
Frequency Range(± 10 %)		0.35 to 16,000 Hz	0.35 to 16,000 Hz			
Frequency Range(± 3 dB)		0.2 to 25,000 Hz	0.2 to 25,000 Hz			
Resonant Frequency		≥ 65 kHz	≥ 65 kHz			
Broadband Resolution(1 to 10,000 Hz)		0.003 g rms	0.03 m/s² rms			[1]
Non-Linearity		≤ 1 %	≤ 1 %			[2]
Transverse Sensitivity		≤ 5 %	≤ 5 %			
Environmental						
Overload Limit(Shock)		± 10,000 g pk	± 98,000 m/s² pk			
Temperature Range(Operating)		-65 to +250 °F	-54 to +121 °C			
Temperature Response		See Graph	See Graph	[1]		
Electrical						
Excitation Voltage		18 to 30 VDC	18 to 30 VDC			
Constant Current Excitation		2 to 20 mA	2 to 20 mA			
Output Impedance		≤ 200 Ohm	≤ 200 Ohm			
Output Bias Voltage		7 to 12 VDC	7 to 12 VDC			
Discharge Time Constant		1.0 to 3.5 sec	1.0 to 3.5 sec			
Settling Time(within 10% of bias)		≤ 3 sec	≤ 3 sec			
Spectral Noise(1 Hz)		725 µg/√Hz	7110 (µm/sec²)/√Hz	[1]		
Spectral Noise(10 Hz)		225 µg/√Hz	2210 (µm/sec²)/√Hz	[1]		
Spectral Noise(100 Hz)		60 µg/√Hz	590 (µm/sec²)/√Hz	[1]		
Spectral Noise(1 kHz)		20 µg/√Hz	196 (µm/sec²)/√Hz	[1]		
Physical						
Size (Height x Length x Width)		.14 in x 0.41 in x 0.25 in	3.6 mm x 10.4 mm x 6.4 mm			
Weight(without cable)		0.023 oz	0.64 gm	[1]		
Sensing Element		Ceramic	Ceramic			
Sensing Geometry		Shear	Shear			
Housing Material		Titanium	Titanium			
Sealing		Hermetic	Hermetic			
Electrical Connector		Solder pins with attached cable	Solder pins with attached cable			
Electrical Connection Position		Side	Side			
Cable Termination		10-32 Coaxial Plug	10-32 Coaxial Plug			
Cable Length		10 ft	3.05 m			
Cable Type		089 Twisted Pair	089 Twisted Pair			
Mounting		Adhesive	Adhesive			
						
						
All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB Group, Inc.						
 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com						
Entered: AP		Engineer: JJB		Sales: WDC		
Date: 11/8/2013		Date: 11/8/2013		Date: 11/8/2013		
				Approved: JJB		
				Spec Number:		
				49975		