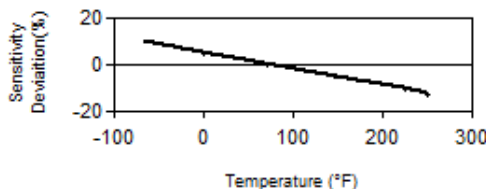


Model Number 352A26		ICP® ACCELEROMETER		Revision: NR ECN #: 46894	
Performance		ENGLISH	SI	OPTIONAL VERSIONS	
Sensitivity(± 20 %)		10 mV/g	1.02 mV/(m/s²)	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Measurement Range		± 500 g pk	± 4905 m/s² pk		
Frequency Range(± 5 %)		2.0 to 10,000 Hz	2.0 to 10,000 Hz		
Frequency Range(± 10 %)		1.5 to 15,000 Hz	1.5 to 15,000 Hz		
Frequency Range(± 3 dB)		0.7 to 25,000 Hz	0.7 to 25,000 Hz		
Resonant Frequency		≥ 70 kHz	≥ 70 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)		± 5000 g pk	± 49,050 m/s² pk		
Temperature Range(Operating)		-65 to +250 °F	-54 to +121 °C		
Temperature Response		See Graph	See Graph	[1]	
Electrical					
Excitation Voltage		22 to 30 VDC	22 to 30 VDC		
Constant Current Excitation		2 to 20 mA	2 to 20 mA		
Output Impedance		≤ 100 Ohm	≤ 100 Ohm		
Output Bias Voltage		9 to 16 VDC	9 to 16 VDC		
Discharge Time Constant		0.24 to 1.0 sec	0.24 to 1.0 sec		
Settling Time(within 10% of bias)		<3 sec	<3 sec		
Spectral Noise(1 Hz)		1500 µg/√Hz	14,715 (µm/sec²)/√Hz	[1]	
Spectral Noise(10 Hz)		400 µg/√Hz	3924 (µm/sec²)/√Hz	[1]	
Spectral Noise(100 Hz)		120 µg/√Hz	1177 (µm/sec²)/√Hz	[1]	
Spectral Noise(1 kHz)		30 µg/√Hz	294 (µm/sec²)/√Hz	[1]	
Spectral Noise(10 kHz)		20 µg/√Hz	196 (µm/sec²)/√Hz	[1]	
Electrical Isolation(Base)		>10 ⁸ Ohm	>10 ⁸ Ohm		
Physical					
Size (Height x Length x Width)		0.11 in x 0.34 in x 0.16 in	2.8 mm x 8.6 mm x 4.1 mm	[1]	
Weight		0.007 oz	0.2 gm		
Sensing Element		Ceramic	Ceramic		
Sensing Geometry		Shear	Shear		
Housing Material		Anodized Aluminum	Anodized Aluminum		
Sealing		Epoxy	Epoxy		
Electrical Connector		3-56 Coaxial Jack	3-56 Coaxial Jack		
Electrical Connection Position		Side	Side		
Mounting		Adhesive	Adhesive		
Typical Sensitivity Deviation vs Temperature					
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.					
NOTES:		[1] Typical. [2] Zero-based, least-squares, straight line method. [3] See PCB Declaration of Conformance PS023 for details.			
SUPPLIED ACCESSORIES:		Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1) Model 039A26 Removal Tool (1) Model 080A109 Petro Wax (1) Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)			
Entered: LK		Engineer: GD		Sales: RM	
Date: 6/14/2017		Date: 6/14/2017		Date: 6/14/2017	
Approved: BAM		Spec Number:		67322	
Phone: 716-684-0001		Fax: 716-684-0987			
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