Model Number 352C22		ICP® ACCELE	ROMI	ETER
Performance	ENGLISH	SI		Optiona
Sensitivity (±15 %)	10 mV/g	1.0 mV/(m/s²)		for stand
Measurement Range	±500 g pk	±4900 m/s ² pk		ioi staric
Frequency Range (±5 %)	1.0 to 10000 Hz	1.0 to 10000 Hz		Notes
Frequency Range (±10 %)	0.7 to 13000 Hz	0.7 to 13000 Hz		[1
Frequency Range (±3 dB)	0.3 to 20000 Hz	0.3 to 20000 Hz		[2
Resonant Frequency	≥50 kHz	≥50 kHz		[3
Broadband Resolution (1 to 10000 Hz)	0.004 g rms	0.04 m/s ² rms	[1]	Į.
Non-Linearity	≤1 %	≤1 %	[2]	
Transverse Sensitivity	≤5 %	≤5 %	[-]	Suppli
Environmental	_50 //0	⊒5 /0		030A1
Overload Limit (Shock)	±10000 g pk	±98000 m/s ² pk		039A2
Temperature Range (Operating)	-65 to +250 °F	-54 to +121 °C		080A1
Electrical	00 10 1200 1	0+101121 0		ACS-1
Excitation Voltage	18 to 30 VDC	18 to 30 VDC		
Constant Current Excitation	2 to 20 mA	2 to 20 mA		
Output Impedance	≤300 Ohm	≤300 Ohm		
Output Bias Voltage	7 to 11 VDC	7 to 11 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)	800 μg/√Hz	7840 (µm/sec ²	[1]	
(/		/√Hz	1.1	
Spectral Noise (10 Hz)	250 µg/√Hz	2450 (µm/sec ²	[1]	
- ,	, y , y , y , y , y , y , y , y , y , y	/√Hz		
Spectral Noise (100 Hz)	60 μg/√Hz	590 (µm/sec ²	[1]	
,	13	/√Hz		
Spectral Noise (1 kHz)	50 μg/√Hz	490 (µm/sec ²	[1]	
. , ,	. 0	/√Hz		
Spectral Noise (10 kHz)	40 μg/√Hz	392 (µm/sec ²	[1]	
		/√Hz		
Electrical Isolation (Base)	>10 ⁸ Ohm	>10 ⁸ Ohm		
Physical				
Size (Height)	0.14 in	3.6 mm		
Weight	0.017 oz	0.5 gm	[1]	
Sensing Element	Ceramic	Ceramic		
Sensing Geometry	Shear	Shear		
Housing Material	Anodized	Anodized Aluminum		
	Aluminum			
Sealing	Epoxy	Epoxy		
Size (Length x Width)	0.45 in x 0.25 in	11.4 mm x 6.4 mm		
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack		
Electrical Connection Position	Side	Side		F-44
Mounting	Adhesive	Adhesive		Entere
				l I

Typical Sensitivity Deviation vs Temperature Deviaition(%) 20 -20 --70 -30 10 50 90 130 170 210 250 Temperature (°F)

ECN #: 36885 **Optional Versions** (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)

Revision G

Notes

- [1] Typical.
- [2] Zero-based, least-squares, straight line method.
- [3] See PCB Declaration of Conformance PS023 for details.

Supplied Accessories

030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1) 039A27 One-piece removal tool for Models 352C22, 357C10, 352A21, & 357A09 (1) 080A109 Petro Wax (1) ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)

Entered: AJA	Engineer: WDC	Sales: JJB	Approved: ECB	Spec Number:	
Date:	Date:	Date:	Date:	10668	
10/05/2011	10/05/2011	10/05/2011	10/05/2011		l



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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.	