Model Number 333B	ICP® ACCELEROMETER							ision: G I #: 45515	
Performance Sensitivity(± 20 %) Measurement Range Frequency Range(± 5 %)	ENGLISH 100 mV/g ± 50 g pk 2 to 1000 Hz	SI 10.2 mV/(m/s²) ± 490 m/s² pk 2 to 1000 Hz		OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard mode except where noted below. More than one option may be used.					
Resonant Frequency Phase Response(± 5 °) Broadband Resolution(1 to 10,000 Hz) Non-Linearity Transverse Sensitivity Environmental	≥ 5 kHz 2 to 1000 Hz 0.00007 g rms ≤ 1 % ≤ 5 %	≥ 5 kHz 2 to 1000 Hz 0.0007 m/s² rms ≤ 1 % ≤ 5 %	[1] [2] [3]	T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4 TLA - TEDS LMS International - Free Format TLB - TEDS LMS International - Automotive Format TLC - TEDS LMS International - Aeronautical Format					
Overload Limit(Shock) Temperature Range Temperature Response Electrical	± 3500 g pk 0 to 150 °F 0.15 %/°F	± 34,300 m/s² pk -18 to +66 °C 0.27 %/°C	[1]	Output Bias Vo		emory and Commun 8.5 to 13	ication Compliant wit VDC 8.5	h IEEE 1451.4 to 13 VDC	
Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Spectral Noise(10 Hz)	18 to 30 VDC 2 to 20 mA ≤ 100 Ohm 8 to 12 VDC 0.7 to 1.3 sec 4.3 µg/√Hz	18 to 30 VDC 2 to 20 mA ≤ 100 Ohm 8 to 12 VDC 0.7 to 1.3 sec 42.1 (μm/sec²)/√Hz	[1]	NOTES: [1]Typical. [2]Zero-based, least-squares, straight line method. [3]Transverse sensitivity is typically ≤ 3%.					
Spectral Noise(100 Hz) Spectral Noise(1 kHz) Physical Size (Diameter)	1.3 µg/√Hz 0.6 µg/√Hz 0.48 in	12.8 (µm/sec²)/√Hz 5.9 (µm/sec²)/√Hz 12.2 mm	[1] [1]	SUPPLIED ACCESSORIES: Model ACS-2 NIST Traceable single point (100 Hz) sensitivity. (1)					
Weight Sensing Element	0.2 oz Ceramic	5.6 gm Ceramic	[1]	Entered: LK	Engineer: BAM	Sales: RWM	Approved: BAM	Spec Number:	
Sensing Geometry Housing Material	Shear Polymer	Shear Polymer		Date: 6/1/2016	Date: 6/1/2016	Date: 6/1/2016	Date: 6/1/2016	5926	
Sealing Electrical Connector All specifications are at room temperature unle In the interest of constant product improvemer ICP® is a registered trademark of PCB Group,	Hermetic 3-Pin Socket ess otherwise specified. nt, we reserve the right to change spe	Hermetic 3-Pin Socket		Phone: 716-684-0001 Fax: 716-684-0987 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com					



Represented in India by

Structural Solutions Pvt Ltd. | Phone: 040 2322 2380 | Email: sales@stsols.com

#4th Floor, Sudheer Tapani Towers, Himayath Nagar, Hyderabad - 500 029