Model Number 333B50		ACCELEROME	TER,	R, ICP <sup>®</sup> Revision H ECN #: 35173
333B50   Performance   Sensitivity (±10 %)   Measurement Range   Frequency Range (±5 %)   Resonant Frequency   Phase Response (±5 °) (at 70&#176F   [21&#176C])   Broadband Resolution (1 to 10000 Hz)   Non-Linearity   Transverse Sensitivity   Environmental   Overload Limit   Temperature Range   Base Strain Sensitivity   Electrical   Excitation Voltage   Constant Current Excitation   Output Bias Voltage   Discharge Time Constant   Spectral Noise (10 Hz)   Spectral Noise (100 Hz)   Spectral Noise (100 Hz)   Spectral Noise (1 kHz)   Physical   Weight   Sensing Element   Sensing Geometry   Housing Material   Sealing   Size (Length x Width)   Electrical Connector   Electrical Connector Position   Mounting Thread   Mounting Torque</td><td>ENGLISH 1000 mV/g <math>\pm 5</math> g pk 0.5 to 3000 Hz <math>\geq 20</math> kHz 2.5 to 3000 Hz <math>\leq 1\%</math> <math>\leq 5\%</math> <math>\pm 4000</math> g pk 0 to +150 °F 0.01 g/µε 18 to 30 VDC 2 to 20 mA <math>\leq 500</math> Ohm 7 to 12 VDC 0.7 to 2.0 sec 3.8 µg/√Hz 1.1 µg/√Hz 0.4 µg/√Hz 0.26 oz Ceramic Shear Titanium Hermetic 0.68 in x 0.45 in 10-32 Coaxial Jack Side 5-40 Female 4 to 5 in-lb</td><td>SI     <math>102 \text{ mV/(m/s^2)}</math>     <math>\pm 49 \text{ m/s^2 pk}</math>     <math>0.5 \text{ to } 3000 \text{ Hz}</math>     <math>\geq 20 \text{ kHz}</math>     <math>2.5 \text{ to } 3000 \text{ Hz}</math>     <math>0.0005 \text{ m/s^2 rms}</math>     <math>\leq 1 \%</math>     <math>\leq 5 \%</math>     <math>\pm 39000 \text{ m/s^2 pk}</math>     <math>-18 \text{ to } +66 \degree \text{C}</math>     <math>0.1 \text{ (m/s^2)/µε}</math>     18 to 30 VDC     2 to 20 mA     <math>\leq 500 \text{ Ohm}</math>     7 to 12 VDC     <math>0.7 \text{ to } 2.0 \text{ sec}</math>     <math>37 (µm/sec^2)</math>     <math>/\&</math>#8730;Hz     <math>11 (µm/sec^2)</math>     <math>/\&</math>#8730;Hz     <math>3.9 (µm/sec^2)</math>     <math>/ \&</math>#8730;Hz     <math>7.5 \text{ gm}</math>     Ceramic     Shear     Titanium     Hermetic     <math>17.3 \text{ mm x 11.4 mm}</math>     <math>10-32 \text{ Coaxial Jack}</math>     Side     <math>5-40 \text{ Female}</math>     <math>45 \text{ to } 56 \text{ N-cm}</math></td><td>[1] [2] [3] [1] [1] [1] [1]</td><td>Optional Versions (Optional versions have identical specifications and accessories as liste for standard model except where noted below. More than one option maybe used.)   T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4   TLA - TEDS LMS International - Free Format   TLC - TEDS LMS International - Automotive Format   TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4   Output Bias Voltage 7.5 to 13 VDC   7.5 to 13 VDC 7.5 to 13 VDC   Notes [1] Typical.   [2] Zero-based, least-squares, straight line method. [3] Transverse sensitivity is typically <= 3%.</td>   [4] See PCB Declaration of Conformance PS023 for details.   Supplied Accessories 080A109 Petro Wax (1)   080A25 Adhesive base, 0.438" hex, 5-40 tapped hole, aluminum hardcoat. (1)   080A90 Quick Bonding Gel (1)   081A27 Mounting Stud (5-40 to 5-40) (1)   ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)   M081A27 Metric mounting stud, 5-40 to M3 x 0.50 long (1)</td></tr><tr><td><i>All specifications are at room temperature unle</i> In the interest of constant product improvement notice. ICP® is a registered trademark of PCB group, I</td><td>ss otherwise specified. t, we reserve the right to c</td><td>vity Deviation vs Temperature</td><td></td><td>Entered: JDK Engineer: RWM Sales: TB Approved: ECB Spec Number   Date: Date: Date: Date: 11867   03/02/2011 03/02/2011 03/02/2011 03/02/2011 11867   Sepression   VIBRATION DIVISION   3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: info@pcb.com Web site: www.pcb.com</td></tr></tbody></table>				