

Model Number 357B54	CHARGE OUTPUT ACCELEROMETER		Revision: D ECN #: 29612										
Performance Sensitivity(± 15 %) Measurement Range Frequency Range(+5 %) Frequency Range(+10 %) Frequency Range(+3 dB) Resonant Frequency Non-Linearity Transverse Sensitivity Environmental Overload Limit(Shock) Temperature Range Temperature Response Base Strain Sensitivity Radiation Exposure Limit(Integrated Gamma Flux) Radiation Exposure Limit(Integrated Neutron Flux) Electrical Capacitance Insulation Resistance(at 70° F [21°C]) Insulation Resistance(at 550°F) Output Polarity Electrical Isolation(Base) Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Hex x Height) Weight Electrical Connector Electrical Connection Position Mounting Thread	ENGLISH 100 pC/g ± 150 g pk 3 kHz 3.5 kHz 5.5 kHz ≥ 12 kHz ≤ 1 % ≤ 5 % ± 2000 g pk -95 to +550 °F See Graph 0.0002 g/με ≤ 10 ⁸ rad ≤ 10 ¹⁰ N/cm ² 930 pF ≥ 10 ¹² ohm ≥ 10 ⁸ ohm Negative ≥ 10 ⁸ ohm Ceramic Shear Titanium Hermetic 3/4 in x 1.43 in 1.80 oz 10-32 Coaxial Jack Top 10-32 Female	SI 10.2 pC/(m/s ²) ± 1470 m/s ² pk 3 kHz 3.5 kHz 5.5 kHz ≥ 12 kHz ≤ 1 % ≤ 5 % ± 19,600 m/s ² pk -71 to +288 °C See Graph 0.002 (m/s ²)/με ≤ 10 ⁸ rad ≤ 10 ¹⁰ N/cm ² 930 pF ≥ 10 ¹² ohm ≥ 10 ⁸ ohm Negative ≥ 10 ⁸ ohm Ceramic Shear Titanium Hermetic 3/4 in x 36.3 mm 51 gm 10-32 Coaxial Jack Top 10-32 Female	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used. NOTES: [1] Typical. [2] Low frequency response is determined by external signal conditioning electronics. [3] Zero-based, least-squares, straight line method. SUPPLIED ACCESSORIES: Model 081B05 Mounting Stud (10-32 to 10-32) (1) Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1) Model M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)										
Typical Sensitivity Deviation vs Temperature			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Entered: <i>JH</i></td> <td>Engineer: <i>Jet</i></td> <td>Sales: <i>WDC</i></td> <td>Approved: <i>EB</i></td> <td>Spec Number:</td> </tr> <tr> <td>Date: <i>11-4-08</i></td> <td>Date: <i>9-26-08</i></td> <td>Date: <i>10-10-08</i></td> <td>Date: <i>10-29-08</i></td> <td>30564</td> </tr> </table>	Entered: <i>JH</i>	Engineer: <i>Jet</i>	Sales: <i>WDC</i>	Approved: <i>EB</i>	Spec Number:	Date: <i>11-4-08</i>	Date: <i>9-26-08</i>	Date: <i>10-10-08</i>	Date: <i>10-29-08</i>	30564
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