Model Number 357C10			CHARGE ACCE	LEF	ROMETER Revision: F ECN #: 15661
Performance Sensitivity (±20 %) Measurement Range Frequency Range (+5 % Frequency Range (+10 Resonant Frequency Non-Linearity Transverse Sensitivity Environmental Overload Limit (Shock)		ENGLISH  1.7 pC/g ±500 g pk  10 kHz  13 kHz ≥50 kHz ≤1 % ≤5 %	<u>SI</u> 0.17 pC/(m/s²) ± 4905 m/s² pk 10 kHz 13 kHz ≥50 kHz ≤1 % ≤5 %	[2] [2] [3] [4]	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.  P - Positive Output Polarity Output Polarity Positive Positive
Temperature Range Base Strain Sensitivity Electrical Capacitance Insulation Resistance (at 70° F [21°C]) Electrical Isolation (Base) Output Polarity Physical Sensing Element		-100 to +350 °F ≤0.10 g/με 310 pF >10 <sup>10</sup> ohms ≥10 <sup>8</sup> ohms Negative Ceramic	-73 to +177 °C ≤ 1.0 (m/s²)/με 310 pF >10 <sup>10</sup> ohms ≥10 <sup>8</sup> ohms Negative Ceramic	[1] [1]	NOTES: [1] Typical. [2] Low frequency response is determined by external signal conditioning electronics. [3] Zero-based, least-squares, straight line method. [4] Transverse sensitivity is typically <= 3%.
Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight Electrical Connector Electrical Connection Position Mounting		Anodized Aluminum Anodized Alumii Epoxy Epoxy  0.14 in x 0.45 in x 0.25 in 0.016 oz 0.45 gm	3.6 mm x 11.4 mm x 6.4 mm 0.45 gm 3-56 Coaxial Jack Side Adhesive	[1]	SUPPLIED ACCESSORIES:  Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)  Model 039A27 Removal Tool (1)  Model 080A109 Petro Wax (1)  Model ACS-1 NIST traceable frequency response (10 Hz to +5% point). (1)
			70 150 250	<u>-</u> 350	Entered: Mo Engineer: Mo Sales: Wo Approved: Mo Spec Number:  Date: 7/11/02 Date: 7/11/02 Date: 7/11/2 10827
Temperature (°F)  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.				Phone: 716-684-0001 Fax: 716-685-3886 E-Mail: vibration@pcb.com	