Model Number 422E55/D	IN-LINE CHARGE CONVERTER							-	sion: B #: 37900
422E55/D Performance Sensitivity(± 25 %)(Charge Conversion) Input Range Overrange Low Frequency Response(-5 %) High Frequency Response(-5 %) Non-Linearity Environmental Temperature Range(Operating) Maximum Vibration(5 to 2000 Hz) Electrical Excitation Voltage Constant Current Excitation Output Voltage Output Impedance Output Bias Voltage Maximum Input Voltage Broadband Electrical Noise(1 to 10,000 Hz) Spectral Noise(1 Hz) Spectral Noise(1 Hz) Spectral Noise(1 0 Hz) Spectral Noise(1 kHz) Spectral Noise(1 0 KHz) Capacitance(Feedback) Overload Recovery Time Discharge Time Constant Resistance(Feedback) Source Capacitance Loading(at input) Physical Housing Material Sealing Electrical Connector(Input) Electrical Connector(Output) Size (Diameter x Length)		ENGLISH 0.5 mV/pC ± 10,000 pC ± 8 V 0.5 Hz 100 kHz ≤ 1.0 % FS -65 to +250 F 5000 g pk 100 g pk +18 to 28 VDC 2 to 20 mA ± 5.0 V 100 ohm +9 to 13 VDC +30 V 33 μV 9.8 μV/√Hz 3.4 μV/√Hz 0.4 μV/√Hz 0.4 μV/√Hz 0.4 μV/√Hz 0.5 μV/√Hz 0.4 μV/√Hz 0.4 μV/√Hz 0.5 μV/√Hz 0.5 μV/√Hz 0.5 μV/√Hz 0.6 μV/√Hz 0.7 μV/√Hz 0.8 μV/√Hz 0.5 μV/ <fe< td=""> Stainless Steel Epoxy BNC Jack BNC Jack 0.50 in x 3.4 in</fe<>	SI 0.5 mV/pC $\pm 10,000 \text{ pC}$ $\pm 8 \text{ V}$ 0.5 Hz 100 kHz $\leq 1.0 \text{ \% FS}$ -54 to +121 °C $49,050 \text{ m/s}^2 \text{ pk}$ 981 m/s² pk +18 to 28 VDC 2 to 20 mA $\pm 5.0 \text{ V}$ 100 ohm +9 to 13 VDC +30 V -90 dB -100 dB -110 dB -122 dB -134 dB 2000 pF 10 µsec >1 sec 1.5x10 ⁹ ohm -0.0005 %/pF Stainless Steel Epoxy BNC Jack BNC Jack 13 mm x 86 mm	[2] [1] [1] [1] [1]	Definition Definition 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] High frequency response may be limited by supply current and output cable length. [3] See PCB Declaration of Conformance PS024 for details. A low impendance connection from case to earth ground is required to maintain CE compliance.				
Weight		1.15 oz	32.7 gm		Entered: DMW	Engineer: KL	Sales: JJM	Approved: BAM	Spec Number:
((Date: 12/14/2011	Date: 12/14/2011	Date: 12/14/2011	Date: 12/14/2011	31423
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.					Procession Phone: 716-684-0001 Fax: 716-684-0987 Fax: 716-684-0987 State State State <td< td=""></td<>				