



Model Number 379A13	RUGGED ICP® MICROPHONE SYSTEM			Revision: NR ECN #: 50886									
Performance Nominal Microphone Diameter Frequency Response Characteristic Sensitivity(± 1.5 dB) Sensitivity Frequency Range(± 2 dB) Frequency Range(± 1 dB) Frequency Range(± 2 dB) Frequency Range(± 1 dB) Lower Limiting Frequency(- 3 dB) Inherent Noise Dynamic Range(3% Distortion Limit) TEDS Compliant	ENGLISH 1/2" Random Incidence - 26 dB re 1 V/Pa 50 mV/Pa 3.75 to 16,000 Hz 7 to 6,300 Hz 3.75 to 16,000 Hz 7 to 6,300 Hz 1.0 to 3.0 Hz 16 dB(A) re 20 µPa 137 dB re 20 µPa Yes	SI 1/2" Random Incidence - 26 dB re 1 V/Pa 50 mV/Pa 3.75 to 16,000 Hz 7 to 6,300 Hz 3.75 to 16,000 Hz 7 to 6,300 Hz 1.0 to 3.0 Hz 16 dB(A) re 20 µPa 137 dB re 20 µPa Yes	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.										
Environmental Temperature Range(Operating) Temperature Coefficient of Sensitivity(+14 to +158°F (-10 to +70°C)) Static Pressure Coefficient Humidity Coefficient of Sensitivity(0 to 100%, non-condensing) Influence of Axial Vibration(0.1g (1 m/s ²))	-40 to +176 °F 0.005 dB/°F - 0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa	-40 to +80 °C 0.009 dB/°C - 0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa											
Electrical Polarization Voltage Excitation Voltage Constant Current Excitation Output Bias Voltage Maximum Output Voltage Output Impedance	0 V 20 to 30 VDC 2 to 20 mA 10 to 14 VDC ± 7 Vpk < 50 Ohm	0 V 20 to 30 VDC 2 to 20 mA 10 to 14 VDC ± 7 Vpk < 50 Ohm	NOTES: [1]re 250 Hz [2]Standard Grid Cap Installed [3]Rugged Grid Cap Installed [4]Typical. [5]TEDS Capable Digital Communication, compliant with IEEE 1451.4 [6]Prepolarized [7]Venting through Preamp. [8]See PCB Declaration of Conformance PS064 for details.										
Physical Housing Material Venting Electrical Connector Mounting Thread(Grid) Size (Diameter x Height)(with standard grid) Size (Diameter x Height)(with rugged grid) Size (Diameter x Height)(without grid) Weight Weight	Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 0.52 in x 3.62 in 0.57 in x 3.62 in 0.50 in x 3.58 in 1.63 oz 1.72 oz	Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 13.2 mm x 91.9 mm 14.5 mm x 91.9 mm 12.7 mm x 90.9 mm 45.8 gm 48.7 gm	SUPPLIED ACCESSORIES: Model 079A52 Rugged Grid Cap for 1/2" Microphones (1) Model 079A59 Calibration Adapter for Rugged Grid Cap (1) Model ACS-63 Calibration (with TEDS) of Precision Condenser Microphones and Preamplifiers together (mated pair). (1)										
			<table border="1"> <tr> <td data-bbox="1129 1276 1285 1317">Entered: LK</td> <td data-bbox="1285 1276 1440 1317">Engineer: MJN</td> <td data-bbox="1440 1276 1596 1317">Sales: MV</td> <td data-bbox="1596 1276 1751 1317">Approved: NJF</td> <td data-bbox="1751 1276 1917 1317">Spec Number:</td> </tr> <tr> <td data-bbox="1129 1317 1285 1357">Date: 06/30/2020</td> <td data-bbox="1285 1317 1440 1357">Date: 06/30/2020</td> <td data-bbox="1440 1317 1596 1357">Date: 06/30/2020</td> <td data-bbox="1596 1317 1751 1357">Date: 06/30/2020</td> <td data-bbox="1751 1317 1917 1357">73342</td> </tr> </table>	Entered: LK	Engineer: MJN	Sales: MV	Approved: NJF	Spec Number:	Date: 06/30/2020	Date: 06/30/2020	Date: 06/30/2020	Date: 06/30/2020	73342
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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 Piezotronics, Inc.				 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043									