

Model Number HT378C13	ICP MICROPHONE SYSTEM			Revision: A ECN #: 49881										
<b>Performance</b> Nominal Microphone Diameter Frequency Response Characteristic Sensitivity Sensitivity (± 2 dB) Frequency Range (± 2 dB) Frequency Range (± 1 dB) Lower Limiting Frequency(- 3 dB) Inherent Noise Dynamic Range(3% Distortion Limit) TEDS Compliant	<b>ENGLISH</b> 1/2" Pressure 12.6 mV/Pa - 38 dB re 1 V/Pa 3.5 to 20,000 Hz 6 to 12,500 Hz 1.0 to 3.0 Hz 22.5 dB(A) re 20 µPa 150 dB re 20 µPa Yes	<b>SI</b> 1/2" Pressure 12.6 mV/Pa - 38 dB re 1 V/Pa 3.5 to 20,000 Hz 6 to 12,500 Hz 1.0 to 3.0 Hz 22.5 dB(A) re 20 µPa 150 dB re 20 µPa Yes		<b>OPTIONAL VERSIONS</b> Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
<b>Environmental</b> 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 <sup>2</sup> ))	-40 to +248 °F 0.004 dB/°F - 0.006 dB/kPa ± 0.001 dB/%RH 66 dB re 20 µPa	-40 to +120 °C 0.008 dB/°C - 0.006 dB/kPa ± 0.001 dB/%RH 66 dB re 20 µPa	 [2] [2] [3]  [2][1] [2][1] [1] [2]	<b>NOTES:</b> [1]re 250 Hz [2]Typical. [3]TEDS Capable Digital Communication, compliant with IEEE 1451.4 [4]Prepolarized [5]Venting through Preamp. [6]See PCB Declaration of Conformance PS065 and PS167 for details.										
<b>Electrical</b> Polarization Voltage Excitation Voltage Constant Current Excitation Output Bias Voltage Maximum Output Voltage Output Impedance	0 V 20 to 30 VDC 2 to 10 mA 10 to 14 VDC ± 7 Vpk < 55 Ohm	0 V 20 to 30 VDC 2 to 10 mA 10 to 14 VDC ± 7 Vpk < 55 Ohm	 [4]	<b>SUPPLIED ACCESSORIES:</b> Model ACS-63 Calibration (with TEDS) of Precision Condenser Microphones and Preamplifiers together (mated pair). (1)										
<b>Physical</b> Housing Material Venting Electrical Connector Mounting Thread(Grid) Size - Diameter(with grid) Size - Diameter (without grid) Size - Height(with grid) Size - Height(without grid) Weight	Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 0.52 in 0.50 in 3.74 in 3.72 in 1.69 oz	Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 13.2 mm 12.7 mm 95.0 mm 94.5 mm 48.0 gm	 [5]     [2]	<table border="1"> <tr> <td data-bbox="1129 1271 1283 1317">Entered: Ink</td> <td data-bbox="1283 1271 1436 1317">Engineer: MJN</td> <td data-bbox="1436 1271 1589 1317">Sales: MV</td> <td data-bbox="1589 1271 1743 1317">Approved: NJF</td> <td data-bbox="1743 1271 1917 1317">Spec Number:</td> </tr> <tr> <td data-bbox="1129 1317 1283 1360">Date: 08/21/2019</td> <td data-bbox="1283 1317 1436 1360">Date: 08/21/2019</td> <td data-bbox="1436 1317 1589 1360">Date: 08/21/2019</td> <td data-bbox="1589 1317 1743 1360">Date: 08/21/2019</td> <td data-bbox="1743 1317 1917 1360">71375</td> </tr> </table>	Entered: Ink	Engineer: MJN	Sales: MV	Approved: NJF	Spec Number:	Date: 08/21/2019	Date: 08/21/2019	Date: 08/21/2019	Date: 08/21/2019	71375
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Date: 08/21/2019	Date: 08/21/2019	Date: 08/21/2019	Date: 08/21/2019	71375										
 [6]	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.			 <b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b> 3425 Walden Avenue, Depew, NY 14043										