

Model Number HT378C20	ICP MICROPHONE SYSTEM			Revision: F ECN #: 49881										
Performance Nominal Microphone Diameter Frequency Response Characteristic Sensitivity Sensitivity (± 1.5 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 50 mV/Pa - 26 dB re 1 V/Pa 3.5 to 16,000 Hz 6 to 6,300 Hz 1.0 to 2.75 Hz 16 dB(A) re 20 μ Pa 138.5 dB re 20 μ Pa Yes	SI 1/2" Random Incidence 50 mV/Pa - 26 dB re 1 V/Pa 3.5 to 16,000 Hz 6 to 6,300 Hz 1.0 to 2.75 Hz 16 dB(A) re 20 μ Pa 138.5 dB re 20 μ Pa 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 +248 °F 0.005 dB/°F - 0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 μ Pa	-40 to +120 °C 0.009 dB/°C - 0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 μ Pa	 [2][1] [2][1] [1] [2]	NOTES: [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 for details.										
Electrical Polarization Voltage Excitation Voltage Constant Current Excitation Output Bias Voltage Maximum Output Voltage Output Impedance	0 V 20 to 32 VDC 2 to 10 mA 10 to 14 VDC ± 7 Vpk < 55 Ohm	0 V 20 to 32 VDC 2 to 10 mA 10 to 14 VDC ± 7 Vpk < 55 Ohm	 [4]	SUPPLIED ACCESSORIES: Model ACS-63 Calibration (with TEDS) of Precision Condenser Microphones and Preamplifiers together (mated pair). (1)										
Physical 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 3.88 in 3.84 in 1.74 oz	Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 13.2 mm 12.7 mm 98.6 mm 97.5 mm 49.2 gm	 [5] [2]	<table border="1"> <tr> <td data-bbox="1129 1274 1285 1318">Entered: Ink</td> <td data-bbox="1285 1274 1440 1318">Engineer: MJN</td> <td data-bbox="1440 1274 1596 1318">Sales: MV</td> <td data-bbox="1596 1274 1751 1318">Approved: NJF</td> <td data-bbox="1751 1274 1917 1318">Spec Number:</td> </tr> <tr> <td data-bbox="1129 1318 1285 1356">Date: 08/21/2019</td> <td data-bbox="1285 1318 1440 1356">Date: 08/21/2019</td> <td data-bbox="1440 1318 1596 1356">Date: 08/21/2019</td> <td data-bbox="1596 1318 1751 1356">Date: 08/21/2019</td> <td data-bbox="1751 1318 1917 1356">59950</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	59950
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	59950										
 [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.			 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043										