

Model Number HT378A06	ICP MICROPHONE SYSTEM			Revision: E ECN #: 49881										
Performance Nominal Microphone Diameter Frequency Response Characteristic Sensitivity Sensitivity (± 2 dB) Frequency Range (± 3 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" Free-Field 12.6 mV/Pa - 38 dB re 1 V/Pa 3.15 to 40,000 Hz 3.15 to 31,500 Hz 5 to 16,000 Hz 1.0 to 2.4 Hz 23 dB(A) re 20 μ Pa 153 dB re 20 μ Pa Yes	SI 1/2" Free-Field 12.6 mV/Pa - 38 dB re 1 V/Pa 3.15 to 40,000 Hz 3.15 to 31,500 Hz 5 to 16,000 Hz 1.0 to 2.4 Hz 23 dB(A) re 20 μ Pa 153 dB re 20 μ Pa Yes	[1] [1] [2] [2] [3]	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 0.003 dB/°F - 0.007 dB/kPa 0.002 dB/%RH 66 dB re 20 μ Pa	-40 to +120 °C 0.006 dB/°C - 0.007 dB/kPa 0.002 dB/%RH 66 dB re 20 μ Pa	[2][1] [2][1] [1][2] [2]	NOTES: [1]re 250 Hz [2]Typical. [3]TEDS Capable Digital Memory and 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 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	0 V 20 to 30 VDC 2 to 20 mA 10 to 14 VDC ± 7 Vpk < 50 Ohm Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 0.52 in 0.50 in 3.74 in 3.72 in 1.69 oz	0 V 20 to 30 VDC 2 to 20 mA 10 to 14 VDC ± 7 Vpk < 50 Ohm Stainless Alloy Rear BNC Jack 0.5 - 60 UNS 13.2 mm 12.7 mm 95 mm 94.5 mm 48 gm	[4] [5]	SUPPLIED ACCESSORIES: Model ACS-63 Calibration (with TEDS) of Precision Condenser Microphones and Preamplifiers together (mated pair). (1)										
 [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.			<table border="1"> <tr> <td>Entered: Ink</td> <td>Engineer: MJN</td> <td>Sales: MV</td> <td>Approved: NJF</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 08/21/2019</td> <td>Date: 08/21/2019</td> <td>Date: 08/21/2019</td> <td>Date: 08/21/2019</td> <td>60055</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	60055
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