


Model Number <b>377A13</b>	<b>PRECISION CONDENSER MICROPHONE</b>			Revision: D ECN #: 42896									
<b>Performance</b> Nominal Microphone Diameter Frequency Response Characteristic Open Circuit Sensitivity Open Circuit Sensitivity(± 2 dB) Frequency Range(± 2 dB) Lower Limiting Frequency(-3 dB) Resonant Frequency(90° Phase Shift) Inherent Noise  Dynamic Range(3% Distortion Limit) Standards Designation(IEC 61094-4)	<u>ENGLISH</u> 1/2" Pressure 12.6 mV/Pa -38.0 dB re 1 V/Pa 4 to 20,000 Hz 1.0 to 3.0 Hz 18,500 Hz <20 dB(A) re 20 μPa >155 dB re 20 μPa WS2P	<u>SI</u> 1/2" Pressure 12.6 mV/Pa [3] -38.0 dB re 1 V/Pa [3] 4 to 20,000 Hz 1.0 to 3.0 Hz 18,500 Hz [1] <20 dB(A) re 20 μPa >155 dB re 20 μPa WS2P	<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 -0.005 dB/kPa ± 0.001 dB/%RH 66 dB re 20 μPa	-40 to +120 °C 0.008 dB/°C [1][3] -0.005 dB/kPa [1][3] ± 0.001 dB/%RH [3] 66 dB re 20 μPa [1]	<b>NOTES:</b> [1] Typical. [2] Prepolarized [3] re 250 Hz										
<b>Electrical</b> Capacitance(Polarized) Polarization Voltage	14 pF 0 V	14 pF [1] 0 V [2]											
<b>Physical</b> Housing Material Venting Mounting Thread(Preamplifier) Mounting Thread(Grid) Size (Diameter x Height)(with grid)  Size (Diameter x Height)(without grid)	Stainless Alloy Rear 0.4606 - 60 UNS 0.5 - 60 UNS 0.52 in x 0.5 in  0.5 in x 0.47 in	Stainless Alloy Rear 11.7 mm - 60 UNS 12.7 mm - 60 UNS 13.2 mm x 12.7 mm 12.7 mm x 11.9 mm 6.5 gm [1]	<b>SUPPLIED ACCESSORIES:</b> Model ACS-20 Calibration of Precision Condensator Microphones (1)										
Weight  <i>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.</i> ICP® is a registered trademark of PCB Group, Inc.	0.23 oz	6.5 gm [1]	<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: MJN</td> <td>Sales: MV</td> <td>Approved: MT</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td><b>37188</b></td> </tr> </table> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <b>Phone: 716-684-0001</b>  <b>Fax: 716-684-0987</b>  <b>E-Mail: info@pcb.com</b> </div> </div> <p>3425 Walden Avenue, Depew, NY 14043</p>	Entered: AP	Engineer: MJN	Sales: MV	Approved: MT	Spec Number:	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	<b>37188</b>
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