


Model Number <b>377B11</b>	<h1>PRECISION CONDENSER MICROPHONE</h1>		Revision: H ECN #: 42896										
<b>Performance</b> Nominal Microphone Diameter Frequency Response Characteristic Open Circuit Sensitivity Open Circuit Sensitivity(± 1.5 dB) Frequency Range(± 1 dB) Frequency Range(± 2 dB) Lower Limiting Frequency(-3 dB) Resonant Frequency(90° Phase Shift) Inherent Noise  Dynamic Range(3% Distortion Limit) <b>Environmental</b> Temperature Range(Operating) Temperature Coefficient of Sensitivity(+14 to +122°F (-10 to +50°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> )) <b>Electrical</b> Capacitance(Polarized) Polarization Voltage <b>Physical</b> Housing Material Venting Mounting Thread(Preamplifier) Mounting Thread(Grid) Size (Diameter x Height)(with grid)  Size (Diameter x Height)(without grid)  Weight	<u>ENGLISH</u> 1/2" Pressure 50 mV/Pa -26 dB re 1 V/Pa 5 to 7500 Hz 3.15 to 10,000 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa  >143 dB re 20 µPa  -40 to +248 °F 0.005 dB/°F -0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa  11 pF 0 V  Stainless Alloy Rear 0.4606 - 60 UNS 0.5 - 60 UNS 0.52 in x 0.64 in  0.5 in x 0.6 in  0.28 oz	<u>SI</u> 1/2" Pressure 50 mV/Pa -26 dB re 1 V/Pa 5 to 7500 Hz 3.15 to 10,000 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa  >143 dB re 20 µPa  -40 to +120 °C 0.009 dB/°C -0.01 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa  11 pF 0 V  Stainless Alloy Rear 11.7 mm - 60 UNS 12.7 mm - 60 UNS 13.2 mm x 16.2 mm 12.7 mm x 15.3 mm 7.8 gm	<p style="text-align: center;"><b>OPTIONAL VERSIONS</b></p> <p>Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.</p> <p><b>NOTES:</b>          [1] Typical.          [2] Prepolarized          [3] re 250 Hz</p> <p><b>SUPPLIED ACCESSORIES:</b>          Model ACS-20 Calibration of Precision Condensator Microphones (1)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Entered: AP</td> <td style="width: 25%;">Engineer: MJN</td> <td style="width: 25%;">Sales: MV</td> <td style="width: 25%;">Approved: MT</td> <td style="width: 20%;">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 style="text-align: center;"><b>31215</b></td> </tr> </table>	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>31215</b>
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Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	<b>31215</b>									
<p><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></p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>			 <p>3425 Walden Avenue, Depew, NY 14043</p> <p>Phone: 716-684-0001          Fax: 716-684-0987          E-Mail: info@pcb.com</p>										