


Model Number <b>377B20</b>	<b>PRECISION CONDENSER MICROPHONE</b>			Revision: K 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) Standards Designation(IEC 651)	<u><b>ENGLISH</b></u> 1/2" Random Incidence 50 mV/Pa -26 dB re 1 V/Pa 5 to 6300 Hz 3.15 to 12,500 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa >144 dB re 20 µPa Type 1	<u><b>SI</b></u> 1/2" Random Incidence 50 mV/Pa -26 dB re 1 V/Pa 5 to 6300 Hz 3.15 to 12,500 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa >144 dB re 20 µPa Type 1	<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>NOTES:</b> [1] Typical. [2] Prepolarized [3] re 250 Hz [4] The microphone uses 50% to 70% of the frequency tolerances allowed by this standard.										
<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> ))	-40 to +248 °F 0.005 dB/°F -0.01 dB/kPa ± 0.001 dB/%RH 63 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											
<b>Electrical</b> Capacitance(Polarized) Polarization Voltage	11 pF 0 V	11 pF 0 V	<b>SUPPLIED ACCESSORIES:</b> Model ACS-20 Calibration of Precision Condensator Microphones (1)										
<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 0.64 in	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											
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.	0.28 oz	7.8 gm	<table border="1"> <tr> <td data-bbox="1119 797 1278 837">Entered: AP</td> <td data-bbox="1278 797 1438 837">Engineer: MJN</td> <td data-bbox="1438 797 1598 837">Sales: MV</td> <td data-bbox="1598 797 1757 837">Approved: MT</td> <td data-bbox="1757 797 1927 837">Spec Number:</td> </tr> <tr> <td data-bbox="1119 837 1278 878">Date: 5/7/2014</td> <td data-bbox="1278 837 1438 878">Date: 5/7/2014</td> <td data-bbox="1438 837 1598 878">Date: 5/7/2014</td> <td data-bbox="1598 837 1757 878">Date: 5/7/2014</td> <td data-bbox="1757 837 1927 878"><b>31214</b></td> </tr> </table>  <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	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>31214</b>
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