


Model Number 377C20	PRECISION CONDENSER MICROPHONE			Revision: NR ECN #:										
Performance 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 61094-4)	<u>ENGLISH</u> 1/2 Random Incidence 50 mV/Pa -26 dB re 1 V/Pa 5 to 6300 Hz 3.15 to 16,000 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa >144 dB re 20 µPa WS2D	<u>SI</u> 1/2 Random Incidence 50 mV/Pa -26 dB re 1 V/Pa 5 to 6300 Hz 3.15 to 16,000 Hz 1.0 to 2.4 Hz 12,000 Hz <15 dB(A) re 20 µPa >144 dB re 20 µPa WS2D	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.	NOTES: [1]Typical. [2]Prepolarized [3]re 250 Hz										
Environmental 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 ²))	-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			SUPPLIED ACCESSORIES: Model ACS-20 Calibration of Precision Condensor Microphones (1)	<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: NJL</td> <td>Sales: MV</td> <td>Approved: MT</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 10/15/2014</td> <td>Date: 10/15/2014</td> <td>Date: 10/15/2014</td> <td>Date: 10/15/2014</td> <td>58702</td> </tr> </table>	Entered: AP	Engineer: NJL	Sales: MV	Approved: MT	Spec Number:	Date: 10/15/2014	Date: 10/15/2014	Date: 10/15/2014
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Date: 10/15/2014	Date: 10/15/2014	Date: 10/15/2014	Date: 10/15/2014	58702										
Electrical Capacitance(Polarized) Polarization Voltage Physical Housing Material Venting Mounting Thread(Preamplifier) Mounting Thread(Grid) Size (Diameter x Height)(with grid) Size (Diameter x Height)(without grid) Weight	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	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	 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com											
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 Group, Inc.	[1]	[1]												