


Model Number 377A13	PRECISION CONDENSER MICROPHONE		Revision B ECN #: 42002										
Performance Nominal Microphone Diameter Frequency Response Characteristic (at 0° incidence) Open Circuit Sensitivity (at 250 Hz) Open Circuit Sensitivity (±2 dB) (at 250 Hz) Frequency Range (±2 dB) Lower Limiting Frequency (-3 dB) Resonant Frequency (90° Phase Shift) Dynamic Range (3% Distortion Limit) (With Standard Pre-amp) Inherent Noise (Microphone only) Dynamic Range (3% Distortion Limit) (Microphone only) Standards Designation (IEC 61094-4)	ENGLISH 1/2" Pressure 12.5 mV/Pa -38.1 dB re 1 V/Pa 4 to 20000 Hz 1 to 3 Hz 18.5 kHz >144 dB re 20 µPa <20 dB(A) >155 dB re 20 µPa WS2P	SI 1/2" Pressure 12.5 mV/Pa -38.1 dB re 1 V/Pa 4 to 20000 Hz 1 to 3 Hz 18.5 kHz >144 dB re 20 µPa <20 dB(A) >155 dB re 20 µPa WS2P	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) Notes [1] Typical. Supplied Accessories ACS-20 Calibration of Precision Condenser Microphones (1)										
Environmental Temperature Range (Operating) Temperature Coefficient of Sensitivity (+14 to +158°F (-10 to +70°C)) Influence of Axial Vibration (0.1g (1 m/s ²))	-40 to +248 °F 0.004 dB/°F 66 dB re 20 µPa	-40 to +120 °C 0.008 dB/°C 66 dB re 20 µPa	[1] [1]										
Electrical Capacitance (Polarized) Polarization Voltage	14 pF 0 V	14 pF 0 V	[1]										
Physical Housing Material Venting Mounting Thread (Preamplifier) Mounting Thread (Grid) Size (Diameter) (with grid) Size (Diameter) (without grid) Size (Height) (with grid) Size (Height) (without grid) Weight	Stainless Alloy Rear 0.4606 - 60 UNS 0.5 - 60 UNS 0.52 in 0.5 in 0.5 in 0.47 in 0.23 oz	Stainless Alloy Rear 11.7 mm - 60 UNS 12.7 mm - 60 UNS 13.2 mm 12.7 mm 12.7 mm 11.9 mm 6.5 gm	[1]										
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>													
<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: MT</td> <td>Sales: MV</td> <td>Approved: MT</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>Date: 09/09/2013</td> <td>37188</td> </tr> </table>		Entered: AP	Engineer: MT	Sales: MV	Approved: MT	Spec Number:	Date: 09/09/2013	Date: 09/09/2013	Date: 09/09/2013	Date: 09/09/2013	37188		
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