



Model Number 130F20	<b>ICP® ELECTRET ARRAY MICROPHONE</b>			Revision: NR ECN #: 45478									
<b>Performance</b> Nominal Microphone Diameter Frequency Response Characteristic(at 0° incidence) Frequency Response(± 2 dB) Frequency Response(± 3 dB) Frequency Response(± 4 dB) Phase Match(100 Hz to 3 kHz) Phase Match(50 Hz to 5 kHz) Phase Match(5 kHz to 10 kHz) Sensitivity Sensitivity(+/-3)(@ 250 Hz) Inherent Noise(Linear) Inherent Noise(A Weighted) Inherent Noise(A Weighted) Dynamic Range(3% Distortion Limit) TEDS Compliant	<b>ENGLISH</b> 1/4" Free-Field 20 to 10,000 Hz 10 to 16,000 Hz 10 to 20,000 Hz ± 3 ° ± 5 ° ± 10 ° 45 mV/Pa -26.9 dB re 1 V/Pa 29 dB re 20 µPa <26 dB(A) re 20 µPa 24 dB(A) re 20 µPa >122 dB re 20 µPa Yes	<b>SI</b> 1/4" Free-Field 20 to 10,000 Hz 10 to 16,000 Hz 10 to 20,000 Hz ± 3 ° ± 5 ° ± 10 ° 45 mV/Pa -26.9 dB re 1 V/Pa 29 dB re 20 µPa <26 dB(A) re 20 µPa 24 dB(A) re 20 µPa >122 dB re 20 µPa Yes	<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]TEDS Capable Digital Communication, compliant with IEEE 1451.4 [3]See PCB Declaration of Conformance PS023 for details.										
<b>Environmental</b> Temperature Range(Operating) Temperature Effect on Output(-10 to +50 °C)	+14 to +122 °F 0.7 dB	-10 to +50 °C 0.7 dB											
<b>Electrical</b> Excitation Voltage Constant Current Excitation Output Bias Voltage Output Impedance	18 to 30 VDC 2 to 20 mA 5.5 to 14 VDC <150 Ohm	18 to 30 VDC 2 to 20 mA 5.5 to 14 VDC <150 Ohm											
<b>Physical</b> Housing Material Electrical Connector(Output) Size (Diameter x Length)(overall) Size (Diameter x Length)(head) Weight	Stainless Steel BNC Jack 0.5 in x 2.63 in 0.28 in x .87 in 0.90 oz	Stainless Steel BNC Jack 12.7 mm x 66.8 mm 7 mm x 22.1 mm 25.5 gm	<table border="1"> <tr> <td>Entered: LK</td> <td>Engineer: TP</td> <td>Sales: MV</td> <td>Approved: MT</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 6/21/2016</td> <td>Date: 6/21/2016</td> <td>Date: 6/21/2016</td> <td>Date: 6/21/2016</td> <td>63460</td> </tr> </table>	Entered: LK	Engineer: TP	Sales: MV	Approved: MT	Spec Number:	Date: 6/21/2016	Date: 6/21/2016	Date: 6/21/2016	Date: 6/21/2016	63460
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 [3] 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.			 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com										



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