



Model Number 130F22	ICP® ELECTRET ARRAY MICROPHONE			Revision: NR ECN #: 45478									
Performance 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	ENGLISH 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	SI 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	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]TEDS Capable Digital Communication, compliant with IEEE 1451.4 [3]See PCB Declaration of Conformance PS023 for details.										
Environmental 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											
Electrical 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											
Physical Housing Material Electrical Connector(Output) Size (Diameter x Length)(overall) Weight	Stainless Steel SMB coaxial socket 0.28 in x 2.32 in 0.30 oz	Stainless Steel SMB coaxial socket 7.0 mm x 59.0 mm 8.5 gm	<table border="1"> <tr> <td data-bbox="1125 873 1289 911">Entered: LK</td> <td data-bbox="1289 873 1453 911">Engineer: TP</td> <td data-bbox="1453 873 1617 911">Sales: MV</td> <td data-bbox="1617 873 1780 911">Approved: MT</td> <td data-bbox="1780 873 1936 911">Spec Number:</td> </tr> <tr> <td data-bbox="1125 911 1289 959">Date: 6/21/2016</td> <td data-bbox="1289 911 1453 959">Date: 6/21/2016</td> <td data-bbox="1453 911 1617 959">Date: 6/21/2016</td> <td data-bbox="1617 911 1780 959">Date: 6/21/2016</td> <td data-bbox="1780 911 1936 959">63462</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	63462
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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.	 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043												



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