



Model Number 130E22	ICP® ELECTRET ARRAY MICROPHONE		Revision C ECN #: 32938	
Performance Nominal Microphone Diameter Frequency Response Characteristic (at 0° incidence) Frequency Response (±2 dB) Frequency Response (±5 dB) Phase Match (100 Hz to 5 kHz) Sensitivity (@ 250 Hz) Sensitivity (±3 dB) (@ 250 Hz) Inherent Noise (1/3 Octave @ 250Hz) Inherent Noise (A Weighted) Dynamic Range (3% Distortion Limit) TEDS Compliant	ENGLISH 1/4" Free-Field 20 to 10000 Hz 20 to 20000 Hz ±5 ° 45 mV/Pa -26.9 dB re 1 V/Pa <15 dB <30 dB >122 dB Yes	SI 1/4" Free-Field 20 to 10000 Hz 20 to 20000 Hz ±5 ° 45 mV/Pa -26.9 dB re 1 V/Pa <15 dB <30 dB >122 dB Yes	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4 Notes [1] Typical. [2] ± 3° from 100 Hz to 3 kHz typical [3] TEDS Capable Digital Memory and Communication, compliant with IEEE 1451.4 [4] See PCB Declaration of Conformance PS023 for details. Supplied Accessories ACS-21 Calibration of Array Microphone (1)	
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	[1]	
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 2.38 in 0.19 oz	Stainless Steel SMB coaxial socket 7.0 mm x 60.0 mm 5.4 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>				
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