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PMN3221

SURFACE MICROPHONE

www.placidinstruments.com



PLACID INSTRUMENTS BV

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website www.placidinstruments.com

PLACID SURFACE MICROPHONE PMN3221



Specification

Frequency Range

10 ~ 10000 Hz

- Wind tunnel noise test
- Automotive or aircraft surface noise test
- Surface acoustic radiation

Dynamic Range

164 dB

Sensitivity

2 mv/pa



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DATASHEET PLACID PMN3221



TECHNICAL INDEX

Application	Pressure Field
Microphone Type	Prepolarized
Polarization Voltage (V)	0 V
Frequency Range (± 1 dB)	10 ~ 10000 Hz
Frequency Range (± 3 dB)	5 ~ 20000 Hz
Sensitivity (± 3 dB)	2 mV/Pa
Background Noise	27 dB(A)
Dynamic Range Upper Limit (3% distortion)	164dB
Power Supply	IEPE (2 ~ 10 mA)
Typical Working Current	4 mA
Pressure Equalizing Mode	Front Venting
Output Impedance	<110 Ω
Work Temp	-10 ~ 50 $^{\circ}\text{C}$
Output Interface	Microdot 10/32
Size (Diameter \times Height)	$\Phi 20$ mm \times 2.5 mm
Weight	3.5 g



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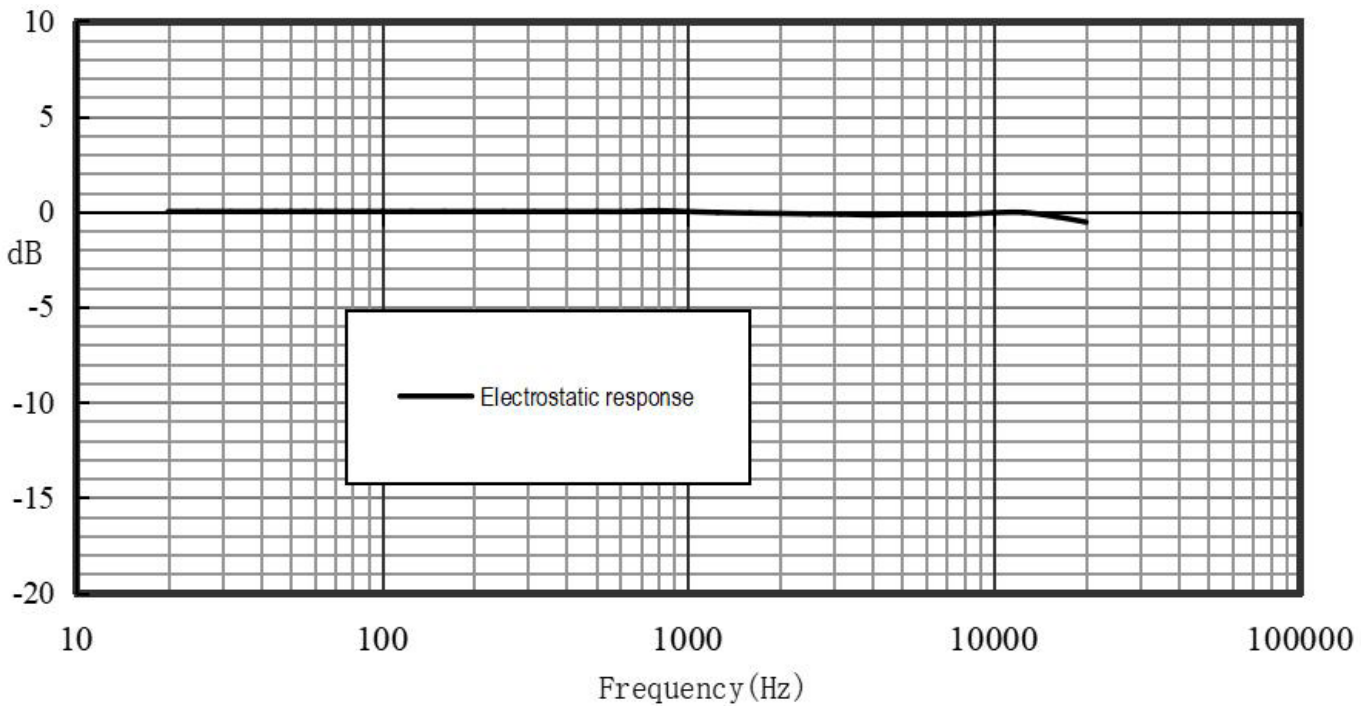
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TYPICAL FREQUENCY RESPONSE CURVE





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