

# N100914-02 (Model 5060-4)

## Aviation Electret Microphone

- ▶ Fits to standard wire booms
- ▶ Noise-canceling, amplified, carbon replacement microphone
- ▶ Weatherproof, shock and vibration resistant
- ▶ FAA approved FAA-TSO C58a
- ▶ High impact plastic housing
- ▶ Low Distortion
- ▶ RoHS Compliant

### Specifications

**SENSITIVITY @1 KHZ:**  
-28 dBV/Pa +/- 3 dB

**FREQUENCY RESPONSE:**  
100 Hz to 10 KHz

**DISTORTION:**  
Less than 3% THD @ 120 dB SPL across specified frequency response

**IMPEDANCE:**  
Less than 50 Ohms

**RATED LOAD RESISTANCE:**  
 $R_L$ : 100 to 1800 Ohms

**RATED SUPPLY VOLTAGE:**  
8 to 30 VDC (not polarity sensitive)

**RATED CURRENT DRAIN:**  
40 mA max,  $T_a = 25^\circ\text{C}$

**WEIGHT:**  
0.154 ounces ( 4.4 grams )

**TERMINATION:**  
Accepts standard U-173/U plug

**ENVIRONMENTAL:**  
Tested per MIL-STD-810 E

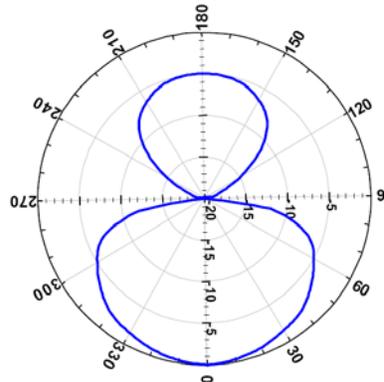
**TEMPERATURE:**  
-40°C to +70°C operating and storage

**HUMIDITY:**  
0% to 100% relative humidity

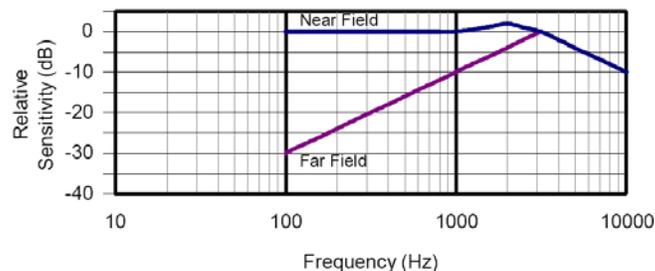
**IMMERSION:**  
2 feet

**DUST:**  
1750 ft/min @ 0.3 g/ft<sup>3</sup>

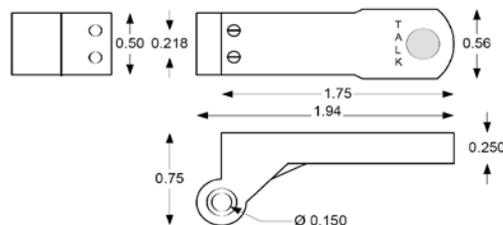
### Angular Response @ 1 KHz



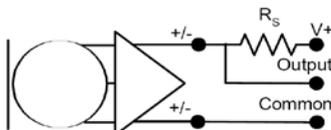
### Frequency Response



### Dimensions



### Test Load Circuit



# GENTEX®

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