

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

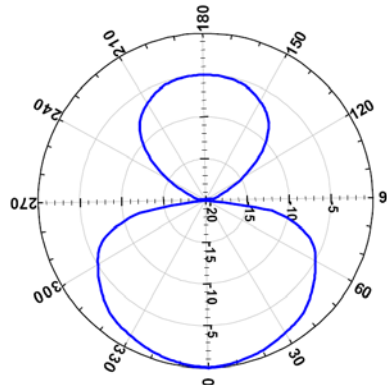
TEMPERATURE:
-40°C to +70°C operating and storage

HUMIDITY:
0% to 100% relative humidity

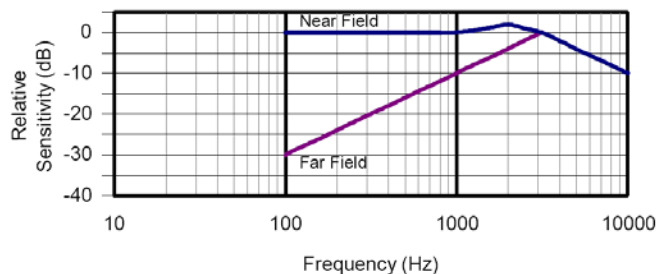
IMMERSION:
2 feet

DUST:
1750 ft/min @ 0.3 g/ft³

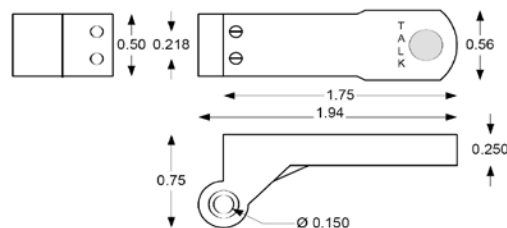
Angular Response @ 1 KHz



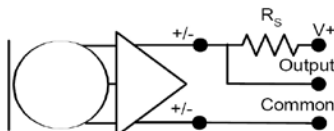
Frequency Response



Dimensions



Test Load Circuit



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