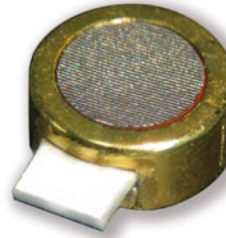


N100269-00 (Model 3203-3)

Noise Canceling Electret Microphone Element

- ▶ Flat frequency response across speech band
- ▶ Weatherproof, shock and vibration resistant
- ▶ EMI and RFI protected
- ▶ Low distortion
- ▶ Integral FET
- ▶ Also available in RoHS version P/N N100701-00



Specifications

FREQUENCY RESPONSE:

100 Hz to 10 KHz

SENSITIVITY @ 1 KHZ:

2 wire mode: -42 dBV/Pa +/- 2.5 dB

3 wire mode: -41 dBV/Pa +/- 2.5 dB

TEST VOLTAGE: 9 VDC

$R_L = 4.7 \text{ K } \Omega$

DISTORTION:

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

RATED SUPPLY VOLTAGE:

1.2 V min 20 V max

RATED CURRENT DRAIN:

130 μA max $T_a = 25^\circ \text{C}$

TERMINATION:

0/3 tab with solder pads

ENVIRONMENTAL:

Tested per MIL-STD-810 F

TEMPERATURE:

-40o C to +70o C operating and storage

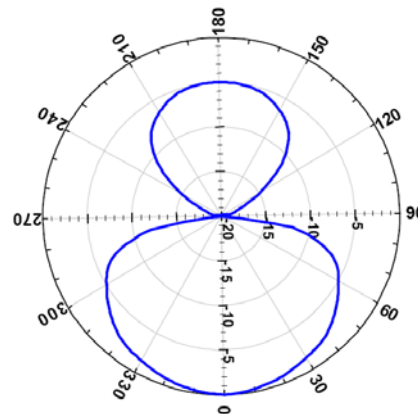
HUMIDITY:

0%-100% relative humidity
(non-condensing)

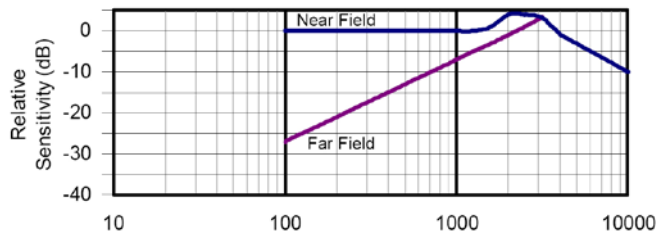
IMMERSION:

2 feet

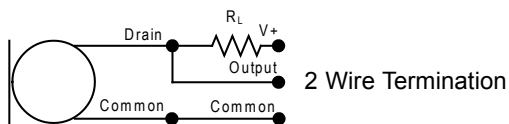
Angular Response @ 1 KHz



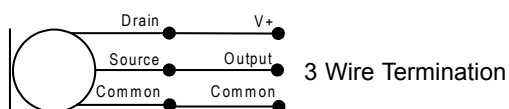
Frequency Response



Termination

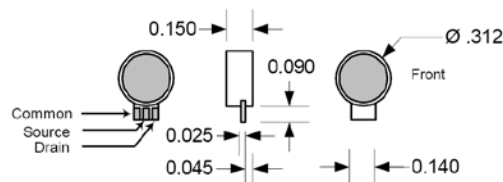


2 Wire Termination



3 Wire Termination

Dimensions



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