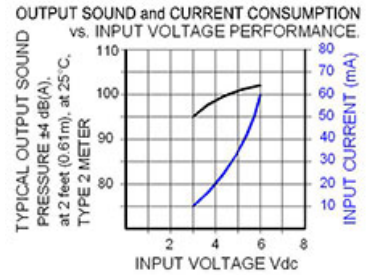
Floyd Bell Inc
SOUND SOLUTIONS

M-80/M-100 Series

M-100





More Information

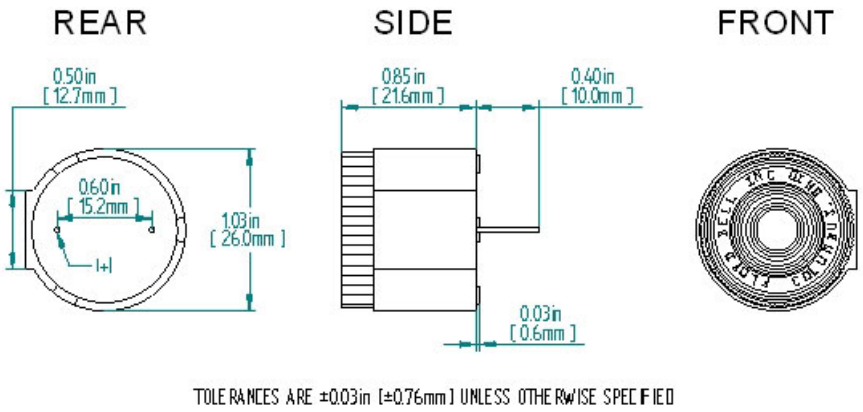
UL Recognized

RoHS Rohs Compliant

Specifications

Mounting	PC Mount
Operating Mode	Medium Loud Continuous Tone
Operating Voltage	3-6 Vdc
Operating Frequency	2900±250 Hz
Typical Operating Current	10 mA at 3 Vdc 60 mA at 6 Vdc
Typical Sound Pressure	95 ±5 dB(A) at 3 Vdc at 24 inches (61 cm), at 25°C 102 ±5 dB(A) at 6 Vdc at 24 inches (61 cm), at 25°C
Termination	PC Pins
Termination Strength	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature	-20_C to +65_C
Storage Temperature	-40_C to +85_C
Surge Voltage	20% over maximum rated voltage for less than 5 minutes
Reverse Voltage Protection	To the maximum operating voltage
Construction Materials	Case- Plastic _NORYL_ N-190, Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Construction Materials	ASTM B117 Certified - Withstands exposure to salt spray for 300 hours IP 68 Certified - Withstands water submergence and dust exposure Humidity- 95% relative humidity at +40_C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy	10 years under normal operating conditions.
Warranty	For a period of two years from the date of manufacture under normal operating conditions.
Notes	This product is not intended as a life safety device.
Terms and Conditions of Sale	Link here

Dimensions


REAR
SIDE
FRONT
0.50 in
[12.7mm]
0.60 in
[15.2mm]
1.03 in
[26.0mm]
0.85 in
[21.6mm]
0.40 in
[10.0mm]
0.03 in
[0.6mm]
TOLERANCES ARE ±0.03 in [±0.76mm] UNLESS OTHERWISE SPECIFIED