

TECHNICAL SPECIFICATIONS

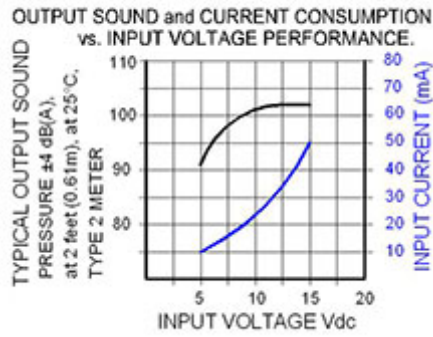
[Home](#) » [Products & Services](#) » [Technical Specifications: M-80W](#)

M-80/M-100

M-80W



 [UL Recognized](#)



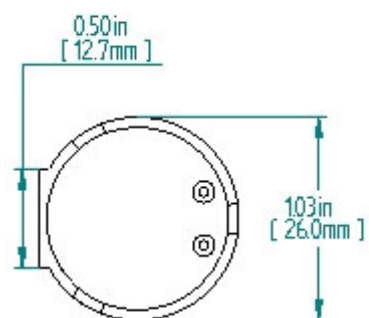
Specifications

Extra Loud Continuous; PC Mount Case and Wires Termination

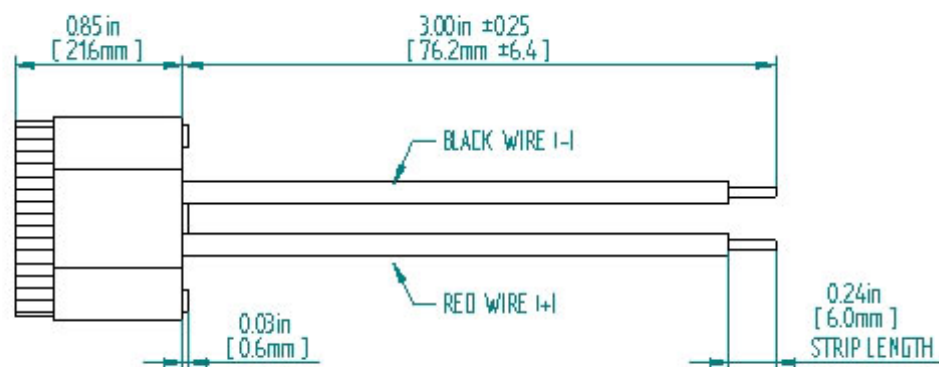
Mounting:	PC Mount
Operating Mode:	Extra Loud Continuous
Operating Voltage:	5-15 Vdc
Operating Frequency:	2900 \pm 250 Hz
Typical Operating Current:	10 mA at 5 Vdc 50 mA at 15 Vdc
Typical Sound Pressure:	92 \pm 5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103 \pm 5 dB(A), at 15 Vdc, at 24 inches (61 cm), at 25°C
Termination:	Wires
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, Red Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	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.

Dimensions

REAR



SIDE



FRONT



TOLERANCES ARE ± 0.03 in [± 0.76 mm] UNLESS OTHERWISE SPECIFIED