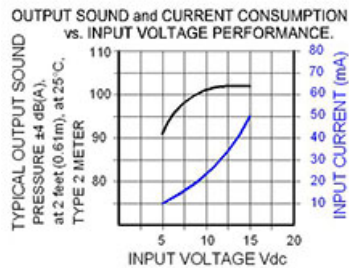


## M-80/M-100 Series

M-80W (functional replacement for SP-509 boat alarm)



More Information

 [UL Recognized](#)



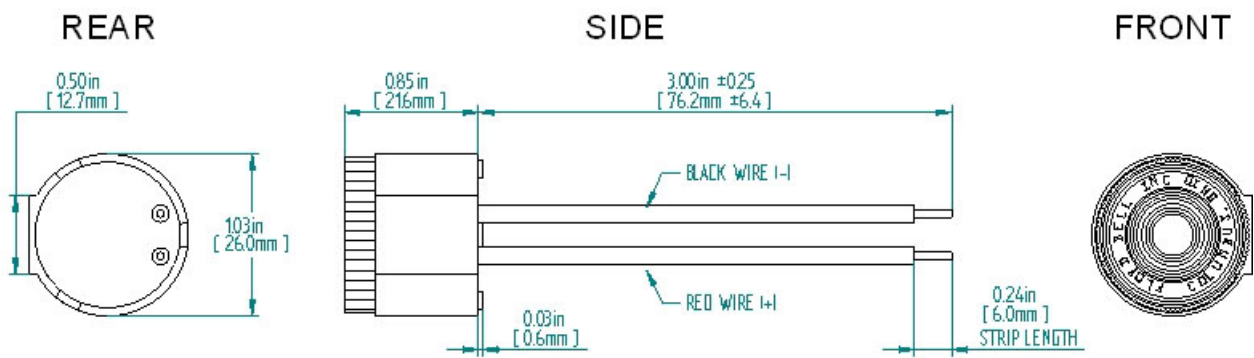
RoHS Compliant

## Specifications

<b>Mounting</b>	Adhesive Mount
<b>Operating Mode</b>	Medium Loud Continuous Tone
<b>Operating Voltage</b>	5-15 Vdc
<b>Operating Frequency</b>	2900±250 Hz
<b>Typical Operating Current</b>	10 mA at 5 Vdc 50 mA at 15 Vdc
<b>Typical Sound Pressure</b>	92 ±5 dB(A) at 5 Vdc at 24 inches (61 cm), at 25°C 103 ±5 dB(A) at 15 Vdc at 24 inches (61 cm), at 25°C
<b>Termination</b>	Wires
<b>Termination Strength</b>	Pull test with a maximum of 22 pounds (10 kg) load
<b>Operating Temperature</b>	-20_C to +65_C
<b>Storage Temperature</b>	-40_C to +85_C
<b>Surge Voltage</b>	20% over maximum rated voltage for less than 5 minutes
<b>Reverse Voltage Protection</b>	To the maximum operating voltage
<b>Construction Materials</b>	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
<b>Construction Materials</b>	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.
<b>Life Expectancy</b>	10 years under normal operating conditions.
<b>Warranty</b>	For a period of two years from the date of manufacture under normal operating conditions.
<b>Notes</b>	This product is not intended as a life safety device.
<b>Terms and Conditions of Sale</b>	<a href="#">Link here</a>

□

Dimensions



TOLERANCES ARE  $\pm 0.03$ in [ $\pm 0.76$ mm] UNLESS OTHERWISE SPECIFIED