

## M-80/M-100 Series

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



## 

INPUT VOLTAGE Vdc

More Information





## **Specifications**

**Mounting** Adhesive Mount

**Operating Mode** Medium Loud Continuous Tone

Operating Voltage 5-15 Vdc
Operating Frequency 2900±250 Hz

Typical Operating Current 10 mA at 5 Vdc 50 mA at 15 Vdc

Typical Sound Pressure  $92 \pm 5 \text{ dB(A)}$  at 5 Vdc at 24 inches (61 cm), at 25°C  $103 \pm 5 \text{ dB(A)}$  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

Case- Plastic NORYL N-190, Flame Retardant UL 94-VO, Red

Construction Materials Internal Circuit- Audio-oscillator and piezoelectric driver

Potting- 2 parts epoxy resin or silicone, black

Diaphragm- Stainless Steel 304

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.

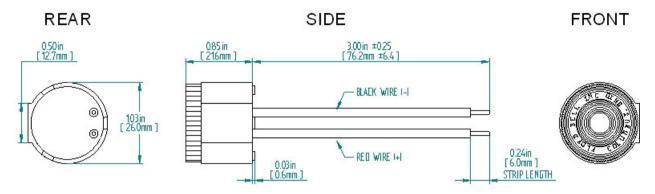
**Warranty** For a period of two years from the date of manufacture under normal operating conditions.

**Notes** This product is not intended as a life safety device.

Terms and Conditions of Sale Link here

**Construction Materials** 

## **Dimensions**



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