

# Mallory Sonalert Products, Inc.

Part #:

**SC616WYR**

## Sales Outline Drawing

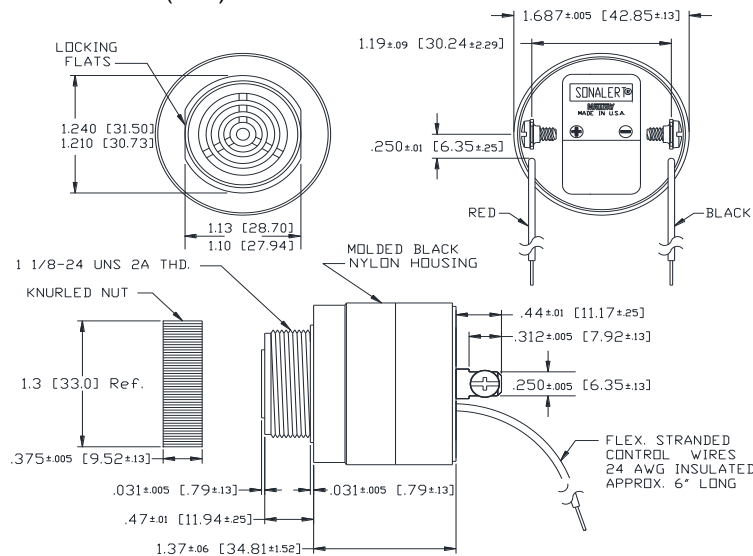
Revision:

**D**

### Specifications:

Sound Level Category	Medium
Mode of Operation	3 Functions: Slow Pulse @ 0.5 - 2.5 PPS - High or Low Frequency, Warble
Voltage Rating	6 to 16 VDC
Frequency	Low - $1750 \pm 500$ Hz, High - $2900 \pm 500$ Hz
Loudness @ 2 FT	62 to 81 dB(A) Typ.
Loudness @ Min Vdc	60 dB(A) @ 2 Feet and 6 Vdc
Loudness @ Max Vdc	69 dB(A) @ 2 Feet and 16 Vdc
Current Draw	6-27mA
Duty Cycle (%)	50
Housing Material	6/6 Nylon, Color: Black
Storage Temperature	-40° to +85° C
Operating Temperature	-30° to +65° C
Panel Mounting	Recommended hole size is 1.25"(31.75mm). Thread front will fit standard 30mm(1.181") hole.
Knurled Nut	Used to attach part to panel. The max recommended torque is 10 in-lbs.
Weight (Typical)	2.1 oz (60g)
NEMA 3R,4X, & 12	Approved with use of ACC03.
Options	Please contact factory.

### Dimensions: Inches (mm)

**ROHS Compliant**

The red and black leads control the several functions. A logic 'Low' is a voltage less than 1/3 of supply voltage. A logic 'High' is a voltage greater than 1/2 supply voltage. A red or black input lead left unconnected is considered an open state.

**Truth Table**

Control Wire		Function Mode
Red	Black	
Low	Low	Off
High	Low	High Pulse
Low	High	Low Pulse
High	High	Warble

NOTE A: TERMINALS - .032 BRASS TIN PLATED, TAPPED FOR #6-32 SCREW. TWO #6-32 NICKEL PLATED BRASS SCREWS INCLUDED. WILL ACCEPT 1/4" QUICK CONNECT.

NOTE B: MOUNTING - REMOVE BLACK PLASTIC NUT AND INSERT THREADED FRONT THROUGH 1.25" HOLE PUNCHED IN PANEL. IF ORIENTATION IS NEEDED, NOTE LOCKING FLATS ON DRAWING. SCREW NUT BACK ON. DO NOT OVERTIGHTEN.

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