## Mallory Sonalert Products, Inc. Sales Outline Drawing

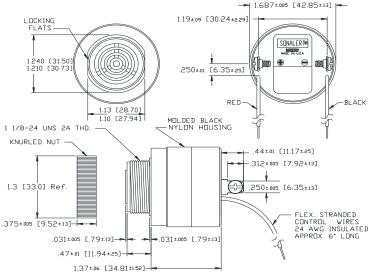
Part #: SC616WXYR

Revision: D

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Specifications:		
Sound Level Category	Medium	
Mode of Operation	5 Functions: Continuous -, Slow Pulse @0.5 - 2.5 PPS - High or low Frequency, Warble	
Voltage Rating	6 to 16 VDC	
Frequency	Low -1750 ± 500 Hz, High - 2900 ± 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
Red	Black	Mode
High	Low	Off
Open	High	High Continuus
Open	Low	Low Continuous
High	Open	High Pulse
Low	Open	Low Pulse
Open	Open	Warble

NOTE A: TERMINALS-0.32 BRASS TIN PLATED, TAPPED FOR #6-32 SCREW. TWO #6-32 NICKEL PLATED BRASS SCREWS INCLUBED. WILL ACCEPT 1/4' DUICK CONNECT.

NOTE B: MOUNTING- REMOVE BLACK PLASTIC NUT AND INSERT THREADED FROMT THROUGH LEGGLE PUNCHED IN PANEL, IF DRIENTATION IS NEEDED, NOTE LOCKING FLATS IN DRAWING SCREW NUT BACK OUICK CONNECT.