MALLORY Mallory Sonalert Products, Inc. Part #: SC648APR Revision: **Sales Outline Drawing** Specifications: Sound Level Category Medium Mode of Operation Fast Pulse @ 2 - 10 PPS Voltage Rating 10 to 48 VAC/DC 2900 ± 500 Hz Frequency Loudness @ 2 FT 76 to 87 dB(A) Typ. Loudness @ Min V 68 dB(A) @ 2 Feet and 10 Vac/dc 80 dB(A) @ 2 Feet and 48 Vac/dc Loudness @ Max V **Current Draw** 6-21mA Duty Cycle (%) 50 Housing Material 6/6 Nylon, Color: Black -40° to +85° C Storage Temperature **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) 1.6 oz (45g) NEMA 3R,4X, & 12 Approved with use of ACC03. **Options** Please contact factory. **cUL** Recognized **ROHS Compliant Dimensions:** Inches (mm) PART DIMENSIONS BEFORE CODE DATE: 1452 5 PART DIMENSIONS AFTER CODE DATE: 1501 1 1.31±.09 [33.17±2.29] 1.19±.09 [30.24±2.29] SONALERT® 1.687±.005 [42.85±.13] 1.687±.005 [42.85±.13] 1.10 [27.94] 1.10 [27.94] 1 1/8-24 UNS 2A THD. 1 1/8-24 UNS 2A THD. MOLDED BLACK NYLON HOUSING MOLDED BLACK NYLON HOUSING KNURLED NUT -KNURLED NUT -TERMINALS PARALLEL TO LOCKING FLATS WITHIN ±15° (SEE NOTE A) TERMINALS PARALLEL - TO LOCKING FLATS WITHIN ±15* (SEE NOTE A) 1.313±.005 [33.34±.13] 1.313±.005 [33.34±.13] .250±.005 [6.35±.13] .250±.005 [6.35±.13] -.312±.005 [7.92±.13] .312±.005 [7.92±.13] .44±.01 [11.17±.25] .375±.005 [9.52±.13] .375±.005 [9.53±.13] .031±.005 [.79±.13]--.031±.005 [.79±.13] .031±.005 [.79±.13]--.031±.005 1.37±.06 [34.80±1.52] .47±.01 [11.94±.25]-.47±.01 [11.94±.25] 1.28±.01 [32.6±.25] 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 DRIENTATION IS NEEDED, NOTE LOCKING FLATS ON DRAWING. SCREW NUT BACK ON. DO NOT OVERTIGHTEN. NOTE A: TERMINALS-032 BRASS TIN PLATED, TAPPED FOR #6-32 SCREW, TWD #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 DRIENTATION IS NEEDED, NOTE LOCKING FLATS ON DRAWING. SCREW NUT BACK ON. DO NOT OVERTIGHTEN.