

**Mallory Sonalert Products, Inc.**Part #: **SBW12CLHFPPC****Sales Outline Drawing**Revision: **A**

| Specifications:               | Designed and tested to IEC60601-1-8 AMD2:2020   |                                                     |                                                     |                                                                     |
|-------------------------------|-------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------|
|                               | Cardiovascular Auditory Icon                    |                                                     |                                                     |                                                                     |
| Sound Level Category:         | Silence                                         | Loud                                                | Loud                                                | Extra Loud                                                          |
| Mode of Operation:            | Silence - NO SOUND                              | Low Priority Alarm - low.wav repeating every 20 sec | Fast Pulse @ 10PPS                                  | High Priority Alarm - HP-cardiovascular.wav repeating every 3.0 sec |
| Loudness @ 10cm:              | Silence                                         | 85 to 95 dB(A) Typ.                                 | 85 to 95 dB(A) Typ.                                 | 95 to 105 dB(A)                                                     |
| Frequency:                    | Silence                                         | 150 to 4000 Hz                                      | 2500 ± 300 Hz                                       | 150 to 4000 Hz                                                      |
| Connection:                   | Connect "+" to "+" & "-" to "-" of Power Supply | Connect "+" to "+" & "-" & L to "-" of Power Supply | Connect "+" to "+" & "-" & M to "-" of Power Supply | Connect "+" to "+" & "-" & H to "-" of Power Supply                 |
| Voltage Rating:               | 9 to 12 VDC                                     |                                                     |                                                     |                                                                     |
| Average Current Draw:         | <10mA                                           | <300mA Typ.                                         | <300mA Typ.                                         | <500mA Typ.                                                         |
| Ipk Current*:                 | 630mA                                           |                                                     |                                                     |                                                                     |
| Housing Material:             | ABS 777D Plastic Resin, Black                   |                                                     |                                                     |                                                                     |
| Storage Temperature:          | -40° to +85° C                                  |                                                     |                                                     |                                                                     |
| Operating Temperature:        | -30° to +65° C                                  |                                                     |                                                     |                                                                     |
| Weight Typical:               | 1.1 oz (32g)                                    |                                                     |                                                     |                                                                     |
| Options:                      | Please contact factory.                         |                                                     |                                                     |                                                                     |
| Condition by wave solder (°C) | 260 ± 5 within 5 sec                            |                                                     |                                                     |                                                                     |
| Condition by hand solder (°C) | 350 ± 20 within 5 sec                           |                                                     |                                                     |                                                                     |

**Dimensions:** Inches [mm]**ROHS Compliant**

PATENT NUMBER: 7880593



**NOTE:** Alarm functions at max dB. If a lower sound output is desired, add a 1/4 W resistor valued from 27kΩ down to a minimum 100Ω to achieve the desired sound level output. PIN OUT is R - + H M L R.

\*Ipk = Instantaneous Peak

 tolerances: ±0.02 [±0.5]  
 ±0.005 [±0.1]