

**Mallory Sonalert Products, Inc.**

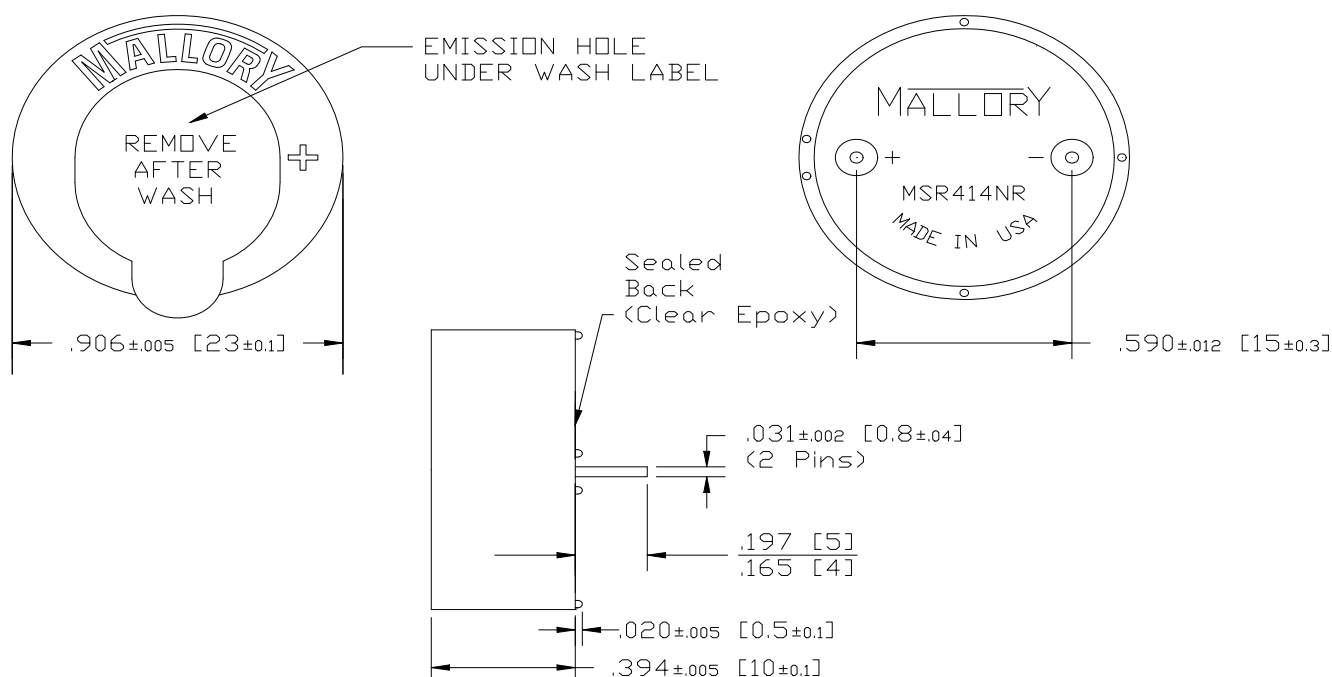
Part #:

MSR414NSR**Sales Outline Drawing**

Revision:

E**Not for use in New Designs****Use P/N MSR205NSR or MSR516NSR.****Specifications:**

Sound Level Category	Loud
Mode of Operation	Continuous
Voltage Rating	4 to 10 VDC
Frequency	3900 $\pm$ 500 Hz
Loudness @ 1 FT	85 to 96 dB(A) Typ.
Current Draw	3-12mA
Housing Material	Valox (UL94V-0), Color Blue
Storage Temperature	-40° to +80° C
Operating Temperature	-40° to +65° C
Weight (Typical)	3.5g
Options	Please contact factory.

Dimensions: Inches (mm)**ROHS Compliant**

NOTE A:
TERMINALS - .031" DIA. NICKEL/TIN COATED BRASS.

NOTE B:
MOUNTING- INSERT INTO PRINTED CIRCUIT BOARD AND HAND OR MACHINE SOLDER. UNITS ARE SUITABLE FOR WAVE SOLDERING AND AQUEOUS WASH WHEN THE EMISSION HOLE IS COVERED WITH A WASH LABEL. RECOMMENDED MAXIMUM TEMPERATURE AND TIME DURATION FOR WAVE SOLDERING IS +270°C AND 3 SECONDS RESPECTIVELY.

NOTE C:
PART NUMBER - FOR SEALED MODELS WHICH INCLUDE A WASH LABEL, THE PART NUMBER ENDS WITH THE SUFFIX "SR". THE LETTER "S" IS FOR ORDERING PURPOSES ONLY AND WILL NOT BE LISTED ON THE PART ITSELF.