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Aqueous Wash:

In order to process MSR & MSO Series buzzers through an aqueous wash, the buzzer must have a wash label and be sealed on the back with epoxy. Sealed buzzers have a "SR" suffix in the part number. For example, P/N MSR320SR is sealed and appropriate for aqueous wash. P/N MSR320R is not sealed.

After aqueous wash, the wash label must be removed from the buzzer.

Wave Solder Profile:

Refer to the wave solder machine manufacturer's recommended wave solder profile. If needed, adjust the maximum time & temperature to 270°C for 3 seconds to process MSR & MSO series buzzers.

Moisture Sensitivity Level (MSL): Level 1 (Unlimited)

Packaging: All parts are bulk packed.

Origin: Made in USA

Sound Level vs Distance:

Sound level decreases as the sound waves travel over distance, so it is important to note the specified distance when comparing sound levels. For example, if a buzzer measures 88 decibels (dB) at 30 cm, then it will measure:

97 dB @ 10 cm 82 dB @ 60 cm 78 dB @ 1 Meter

Mallory Sonalert has developed a tool to help convert sound levels depending on the distance. You can download the tool from our website: <u>http://www.mallory-sonalert.com/PerformanceCurves/Sound%20Level%20Distance%20Conversion%20Tool.xls</u>