

MALLORY



10008189QM13 ISO 9001:2015

DQS Inc.

Mallory Sonalert Products, Inc.



Made In The USA

MALLORY SONALERT PRODUCTS, INC.




NEW- SMT Speakers & Alarms + LED Indicators

Mallory is always working to add **value** to our customer's applications with our audible & visual product lineup. As part of this effort, we are excited to announce the **addition** of 58 new part numbers covering a diverse range of products from SMT Speakers to extra-loud audible & visual alarms. Check them out below, and you can find them for purchase at Mallory's [distributors](#).

SMT Speakers:

The new **SMT speakers**, featured below, are engineered to endure a solder reflow operation **without** affecting the speaker's functionality or life. All three are rated **8 Ohms** and have a broad frequency range spanning from **850 Hz to 20 KHz**.

For your convenience, Mallory offers an advanced [speaker calculator](#) which converts sound level for different distances or wattages.

| SMT Speaker | Part Number | Packaging | Wattage | Sound Level | Size (mm) |
|---|----------------------------------|-------------|---------------|----------------------|---------------|
|  | PSS-13N08SM-YTRQ | Tape-n-Reel | 0.7 Watts | 88 dB (0.7W;0.1m) | 13 x 13 x 4 |
| | PSS-13N08SM-YQ | Cut Tape | 1 Watt Max | | |
|  | PSS-15N08SM-YTRQ | Tape-n-Reel | 0.5 Watts | 87 dB (0.5W;0.1m) | 15 x 15 x 4 |
| | PSS-15N08SM-YQ | Cut Tape | 0.8 Watts Max | | |
|  | PSS-20N08SM-YTRQ | Tape-n-Reel | 0.8 Watts | 99 dB (0.8W;0.1m) | 20 x 20 x 4.5 |
| | PSS-20N08SM-YQ | Cut Tape | 1 Watt Max | | |

Audible & Visual Alarms:

Mallory **proudly** introduces a range of innovative DC voltage **alarms** featuring embedded **LED's**, available in diverse package types including board level, panel level, and bracket mount configurations.

One **standout** offering is panel mount P/N [PKD-27A30EWQ](#), distinguished by two unique features. First, this alarm presents **multi-color** options (**Red**, **Blue**, or **Green**) in a single package. The different colors are activated by control wires exiting the back of the part. Second, the sound and LED's can be energized **independently**, allowing the



machine controller to choose sound-only, sound + LED, or solely LED illumination. The specification sheet provides detailed instructions on **activating** the light and/or continuous sound.

The other additions to our lineup **synchronize** the alarms and lights, such that the light corresponds to the alarm status. For **example**, with a continuous tone, the light remains on constantly, while pulsing tones cause the light to pulse in tandem with the sound.



P/N [PF-12N40PEDR-24VICQ](#) features a **fast** pulse sound & a **Red** LED in a compact 13.8 x 7.5 mm board mount package. This part complements [existing](#) board mount indicators which have a **continuous** tone instead of the fast pulse sound of this new part.



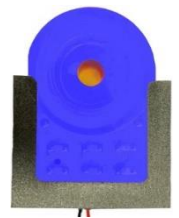
The **PS-55 series**, measuring 54 x 41 mm, **boasts** an extra loud sound level of **105 dB @ 1 meter**, with **embedded** LED's in the front. Ten different models are available offering different colors, voltage levels, and sound types, so **check** our website's [product page](#) for the details of these new PS-55 part numbers.

In the **PS-733 series**, measuring 46 x 32 x 18 mm, multiple mounting options and color options are available. Emitting a fast **siren** sound at 90 dB @ 1 meter over their 5 to 15 Vdc voltage range, these parts offer **different** mounting options to secure them onto equipment.



P/N's [PS-733EWDRQ](#) (**Red**), [PS-733EWDBQ](#) (**Blue**), [PS-733EWGQ](#) (**Green**), & [PS-733EWDYQ](#) (**Yellow**) feature an epoxy-sealed housing with power wires exiting the back. **Secure** them to the equipment using glue, silicone adhesive, industrial grade double-sticky tape, or by mechanical means.

P/N's [PS-733WDB-SQ](#) (**Blue**), [PS-733WDG-SQ](#) (**Green**), [PS-733WDR-SQ](#) (**Red**), & [PS-733WDY-SQ](#) (**Yellow**) include a separate plastic bracket for **easy** equipment mounting via the screw holes in the back of the bracket. Then, insert the part itself into the **bracket** with the power wires exiting through a hole at the bottom of the bracket.



For direct circuit board integration, P/N's [PS-733PRQ](#) (**Red**) & [PS-733PYQ](#) (**Yellow**) come equipped with **PC Pins** on the bottom of the housing.