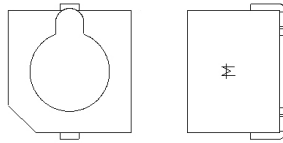




MALLORY SONALERT PRODUCTS, INC.

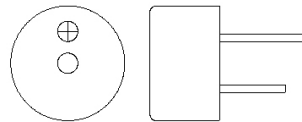
# Product APPLICATION Guide



Surface Mount Electromagnetic

## Surface Mount Indicators (with Circuitry)

Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vdc)	Current (mA)	L x W x H (mm)	Comments
<b>Electromagnetic Indicator- Continuous Tone</b>						
ASI301Q	90 @ 5Vdc	2400	4 - 7	30	12.6 x 12.6 x 10	Sealed; Tube
ASI301TRQ	90 @ 5Vdc	2400	4 - 7	30	12.6 x 12.6 x 10	Sealed; T&R
ASI401Q	90 @ 12Vdc	2400	9 - 15	50	12.6 x 12.6 x 10	Sealed; Tube
ASI401TRQ	90 @ 12Vdc	2400	9 - 15	50	12.6 x 12.6 x 10	Sealed; T&R
ASI09N27M-05Q	80 @ 5Vdc	2700	3 - 7	30	9.5 x 9.5 x 5	Cut Tape
ASI09N27M-05TRQ	80 @ 5Vdc	2700	3 - 7	30	9.5 x 9.5 x 5	T&R



Electromagnetic- PC Pins

## Electromagnetic Indicators (with Circuitry)

Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vdc)	Current (mA)	Dia x Hgt (mm)	PC Pin Pitch (mm c/c)	Comments
<b>Soft Sound Level- Continuous Tone</b>							
PB-09N23P-01Q	75 @ 1.5Vdc	2300	1.25 - 2.5	25 @ 1.5Vdc	9 x 5.5	4	
PB-09N23P-03Q	82 @ 3Vdc	2300	2 - 4	30 @ 3Vdc	9 x 5.5	4	
PB-12N23P-01Q	80 @ 1.5Vdc	2300	1.25 - 2.5	25 @ 1.5Vdc	12 x 10	7.6	Sealed; Tube
<b>Medium Sound Level- Continuous Tone</b>							
PB-12N32MP-05AQ	85 @ 5Vdc	3200	3 - 7	50 @ 5Vdc	12 x 7.5	7.6	Sealed
PB-12N23P-03Q	85 @ 3Vdc	2300	2 - 5	30 @ 3Vdc	12 x 10	7.6	Sealed; Tube
PB-12N23P-05Q	85 @ 5Vdc	2300	4 - 7	30 @ 5Vdc	12 x 10	7.6	Sealed; Tube
PB-12N13P-09Q	85 @ 9Vdc	2300	7 - 11	50 @ 9Vdc	12 x 10	7.6	Sealed; Tube
PB-12N23P-12Q	85 @ 12Vdc	2300	9 - 15	50 @ 12Vdc	12 x 10	7.6	Sealed; Tube

Call 317-612-1000 or Visit [www.mallory-sonalert.com](http://www.mallory-sonalert.com) for More Details