

# ELECTRONIC SOUNDERS

## ELECTRONIC AUDIO SIGNALS

An electronic audio signal that has applications in electronic instruments, alarms, autos, detectors, and any other application where a rich sound and low current consumption is required. Wide operating voltage range in continuous tone and intermittent tone models. Available in DC only and AC/DC models.

A Direct equivalent for the MALLORY Sonalert®

5 types satisfy 95% of all requirements

CROSS REFERENCE	
PHILMORE	MALLORY
PS1	SC628
PS2	SC628AN
PS3	SC110N
PS4	SC628ANP
PS5	SC110NP



Audio & Electrical Specifications				
Part No.	Operating Voltage	Typical Current	Min. Sound Pressure *	Output Tone •
PS1	4 V DC Min 28 V DC Max	3 mA 14 mA	64db 80db	C
PS2	6 V AC/DC Min 28 V AC/DC Max	4 mA 18 mA	80db 95db	C
PS3	30 V AC/DC Min 120 V AC/DC Max	4 mA 18 mA	80db 95db	C
PS4	6 V AC/DC Min 28 V AC/DC Max	4 mA 18 mA	64db 80db	I
PS5	30 V AC/DC Min 120 V AC/DC Max	4 mA 18 mA	80db 95db	I

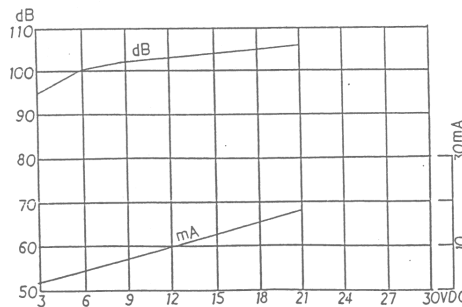
\* Min. Sound Pressure db at two feet  
 • Output Tone • C = Continuous • I = Intermittent  
 Frequency (All models) 2900Hz +/-500Hz  
 Mounting Hole - 1.125" Diameter

## PIEZO SOUNDERS DC, with circuitry

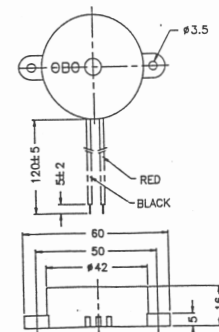


Loud sounders that may be powered with a voltage of anywhere from 3.0 to 20VDC. Output minimum 95db at minimum voltage; 105db at 20 volts. Sound frequency is 2.8KHz +/-0.5KHz. Typical current draw is 6mA @ 6V DC; 10mA at max. voltage. ABS case meets UL94HB, lead wires are UL listed materials. No other circuitry is needed, just DC voltage. Mounting ears are on centers of 50mm, case diameter is 42mm O.D.. Available with continuous tone, on/off tone and with hi/lo dual tone.

Part No.	Type
B818	Continuous
B819	On/Off
B820	Hi/Lo



Dimension Unit:mm ±0.3



## MINIATURE DC BUZZERS

This series of single tone, magnetic buzzers provides a minimum sound pressure (at rated voltages) of 75db. Small and compact, with pigtail leads for connections. No moving contacts to produce arcing, no RF noise. Low current requirements\* and very economical. Maximum width and length are: 0.630" and 1.30"



\* Stock number B816 draws a maximum of 20 milliamps; all others draw a maximum of 15mA at the rated voltages.

Part No.	DC Volts
B814	3
B816	6 or 9
B822	9
B812	12
B824	24

