

Small Speakers & Earpieces

27 mm Speakers

27mm (1.1 inch)
8 Ohm
0.25 watt,
Mylar cone



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EAS 3002				

50mm Speakers

50mm (2 inch)
8 ohm
0.5 watt
Our most popular speaker, for use in portable equipment, funky see-through cone.
More robust than paper cones.



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SP1000				

50mm (2 inch)
8 ohm
0.5 watt
Paper cone speaker offering unbeatable price.



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SP1005				

Magnetically Shielded Speakers

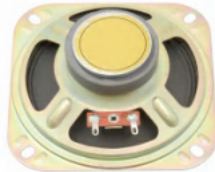
50 x 90mm (2 x 3.5 inch)
8 ohm
5 watt



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EAS 3025				

100mm Speakers

100mm (4 inch)
4 ohm, 2 watt
115mm Dia mounting holes



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EAS 3008				

Magnetic Mono Earpieces

HP0100 - 0110

Magnetic 8ohm earpiece with 3.5mm plug connected. Suitable for radios, portable TV's, etc. Lightweight and easy to use.
HP0100 has plug attached,
HP0110 has bare 1m Wires



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HP0100				

HP0110				
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Crystal Earpiece

Crystal earpiece of high impedance with 3.5mm plug. Suitable for crystal sets or for experimental use



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EAS 3305				

100mm Wall mount weatherproof Speakers (pair)



A range of compact 2-way stereo speakers, with ABS enclosures and a sturdy metal grille. Suitable for free standing or wall mounting via adjustable fixing bracket. The trapezoidal design allows for the enclosures to be mounted neatly into corners, making them ideal for Hi-Fi and surround sound applications

Features:

- 2-way speakers
- Available in 75W, 100W and 120W version
- Red/black binding post connections
- Complete with mounting brackets
- Supplied in pairs
- Black or White finish available

Specification:

- Black or White
- 3/4" Polycarbonate tweeter
- 4" Polypropylene woofer
- Frequency response: 70Hz - 20KHz
- Impedance 8 ohms
- SPL @ 1W/1m 89dB
- Dimensions: 210 x 160 x 150mm
- Weight per set: 3.5kg



For our Full range of AV equipment & Lighting, please see our Sound & Light Catalogue, or the website

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100.015 (Black) (Pair)

100.016 (White) (Pair)

For a Full range of Installation and PA Speakers please see our website or Sound & Lighting Catalogue

Audio & Isolation Transformers

600/600 Ohm Isolation Transformer

This epoxy encapsulated isolation transformer is designed for connecting electronic equipment to the telephone system. It is a very small size which makes it ideal for use on PCBs in confined spaces.

- Measures 18(L)x14(H)x18(W)mm
- PCB hole size: 0.7mm.
- Approval number A94 4/LTD/181

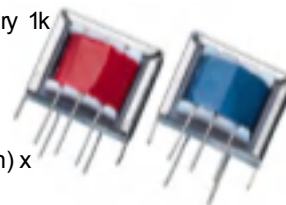


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EMA1512				

1K & 3K ohm Centre Tapped Transformers

EMM2532

Primary/secondary 1k ct/8 ohms
Ferrite core
350mW rating
Iron core
Dimensions: 15(h) x 17(w) x 15(d)mm



EMM2534

Use: Coupling
Primary: 3K Ohm
Secondary: 3K Ohm
Iron core
Dimensions: 15(h) x 17(w) x 15(d)mm

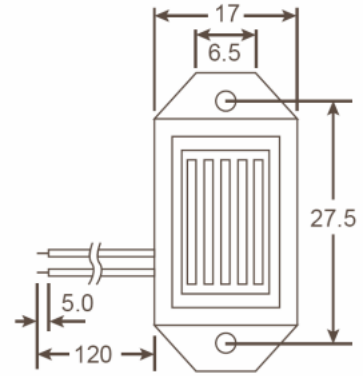
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EMM2532		1K Ohm		

EMM2534		3K Ohm		
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Buzzers

Mechanical / Electronic Buzzers with 120mm fly leads

Incorporates an internal oscillator circuit to drive the coil negating the need for any external drive components.



Model No	SBP0100	SBP0124
Rated Voltage	3 VDC	9VDC
Operating Voltage	2 – 4 VDC	9~15VDC
Max. Rated Current	25mA at 3VDC	25mA at 6VDC
Min. Sound Pressure Level	75dB at 3VDC/20cm	75dB at 6VDC/20cm
D(mm)	Ø 23mm×17mm	Ø 23mm×17mm
H(mm)	15mm	15mm
Resonant Frequency	400±100Hz	400±100Hz
Operating Temperature	-20~+60°C	-20~+60°C
weight	10g	10g

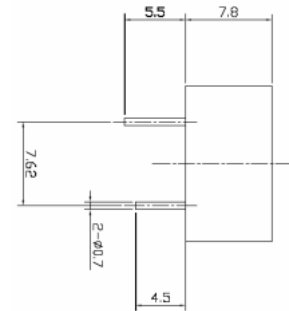
SBP0100 Mechanical / Electronic Buzzer 3 Volt (1.5 – 5 volt) 23mm x 16mm x 15mm

SBP0124 Mechanical / Electronic Buzzer 9 Volt (6 – 15 volts) 23mm x 16mm x 15mm

Miniature Piezo Buzzer

PCB mounting Piezo buzzer providing high output with low power consumption,

Model No	SBP0110
Rated voltage	9VDC
Operating Voltage	1.5 – 16VDC
Max. Rated Current	8mA at 12VDC
Min. Sound Pressure Level	88dB at 12VDC/10cm
D(mm)	Ø14mm x 7.8mm
Resonant Frequency	4.0±0.5KHz
Operating Temperature	-20~+80°C
Tone Nature	Continuous

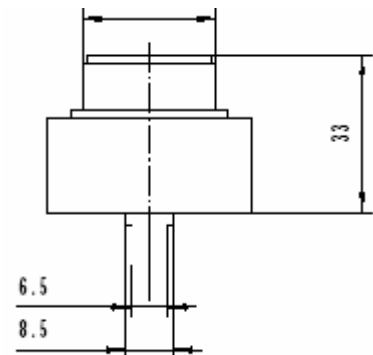


SBP0110 Piezo Buzzer Miniature, PCB Mount, 1.5 - 16 Volt DC 14mm x 7.8mm

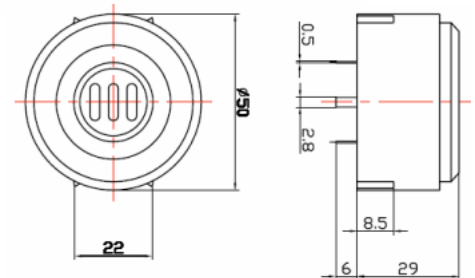
Piezo Buzzers

Piezo buzzers with mounting tags Incorporating built in drivers SBP0120 is a pulsing tone While SBP0122 is continuous tone. They are very loud

Model No	SBP0120
Rated voltage	9VDC
Operating Voltage	6~28VDC
Max. Rated Current	20mA at 12VDC
Min. Sound Pressure Level	80dB at 12VDC/60cm
D(mm)	Ø43mm x 33mm
Resonant Frequency	2.9±0.5KHz
Operating Temperature	-20~+80°C
Tone Nature	Slow Pulse



Model No	SBP0122
Rated voltage	9VDC
Operating Voltage	5-13VDC
Max. Rated Current	75mA / 12VDC
Min. Sound Pressure Level	108dB at 12VDC/30cm
D(mm)	Ø50mm×29mm
Operating Temperature	-20~+60°
Tone Nature	Continuous



SBP0120 Buzzer Pulsing, 6 to 28 Volt DC 42mm x 33mm

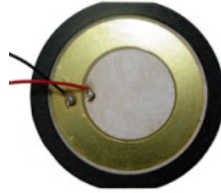
SBP0122 Buzzer Piezo 5 – 13 Volt DC 42mm x 30mm

Piezo Transducers

Piezo Discs and Transducers

Low profile, ideal for use in music and speech circuits, as used in toys and greeting cards.
2 connected connected via fly leads.
and on PCB mount

These can be driven directly with a PICAXE chip



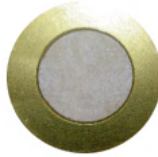
Model No	SBP0126	SBP0127	SBP0128
Rated Voltage	12Vp-p Square Wave	12Vp-p Square Wave	12Vp-p Square Wave
Max. Allowable Voltage	30Vp-p Square Wave	30Vp-p Square Wave	30Vp-p Square Wave
Max. Rated Current	4mA at 1.0KHz/12Vp-p Square Wave	4mA at 4.0KHz/12Vp-p Square Wave	3mA at 4.5KHz/12Vp-p Square Wave
Min. Sound Pressure Level	70dB at 1.0KHz/12Vp-p Square Wave/10cm	80dB at 4.0KHz/12Vp-p Square Wave/10cm	75dB at 4.5KHz/12Vp-p Square Wave/30cm
D(mm)	Ø50mm	12.7mm	Ø22mm
H(mm)	2	6.8mm	3
Resonant Frequency	1.0±0.5KHz	4.0j±0.5 KHz	4.5 ±0.5KHz
Capacitance at 120Hz	66nF		30nF

SBP0126	Piezo Element 1000Hz	50mm x 2mm				
SBP0127	Piezo Transducer PCB mount	12.7mm x 6.8mm				
SBP0128	Piezo Transducer Res. 4500Hz	22mm x 3mm				

Piezo Electric Diaphragm

Ideal for uses in pickups, triggering or microphones.

Frequency	2.50KHz
Z R ohms max	250 ohms
Capacitance	45nF
D(mm)	Ø 27mm
H(mm)	0.12mm



SBP0126B	Piezo Diaphragm	27mm x 0.12mm				
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Piezo Sirens

Very loud piezo sirens for alarm circuits.

Model No	SBP0130	SBP0140
Rated Voltage	9 VDC	12VDC
Operating Voltage	6 to 12 VDC	8 to 15 VDC
Max. Rated Current	50mA @ 9 VDC	280mA @ 12VDC
Min. Sound Pressure Level	90dB at 9 VDC 30cm	105dB at 12V 100cm
Tone nature	Siren	Siren
H(mm)	18mm	49mm
D(mm)	Ø 42mm	Ø 52mm



SBP0130

SBP0140

SBP0130	9 VDC Piezo Siren	42 x 18 mm				
SBP0140	12 V DC Piezo Siren	52 x 49 mm				