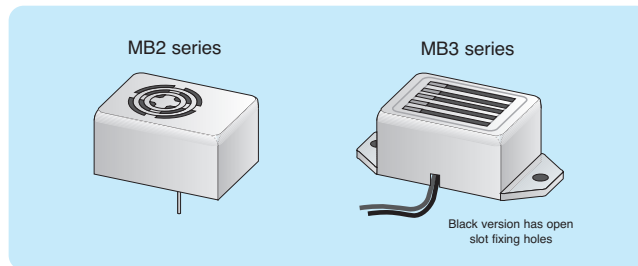


**SOLID STATE BUZZERS
(built-in drive)**

Miniature electro-magnetic buzzers with a built-in oscillator circuit which enables direct operation from a low voltage dc supply. Offer long life and high efficiency. Choice of sound output pitch/body style.

LOW PITCH SOUND, RECTANGULAR BODY

Low pitched, continuous single tone sound output. Optimum performance achieved when firmly mounted on a rigid surface. Choice of termination method and operating voltage together with a triggered version of the pcb pin type. Body colour **Cream** throughout, with the option of **Black** on the wire lead MB3 series.



Specification	MB2B-			MB2TB-		MB3W-					MB3W-B					Vdc
	6	12	24	6	12	3	6	9	12	24	3	6	9	12	24	
Rated voltage	6	12	24	6	12	3	6	9	12	24	3	6	9	12	24	Vdc
Supply voltage range	4 - 8	9 - 15	15 - 27	4 - 8	9 - 15	2 - 4	4 - 8	6 - 12	9 - 15	15 - 27	2 - 4	4 - 8	8 - 16	8 - 16	20 - 28	Vdc
Current	25			25		25					45 max.	30 max.	35 max.	35 max.	35 max.	mA
Sound output at 30cm	75			75		75					85 min*					dB
Frequency	400			400		400					400					Hz
Oper. temp. range	-40, +70			-40, +70		-40, +70					-20, +70					°C

* at 20cm

Dimensions (mm)	MB2B-	MB2TB-	MB3W-	MB3W-B
Body W.	23	23	23	23.5
H.	15.5	15.5	15.5	15.5
D.	16.5	16.5	16.5	17.5
FC.	-	-	27.5	27(open slot)
Pin pitch	7.6	7.6 x 15.2	-	-

Type	Rated Voltage	Body Colour	Manf. Part No. & anglia Order Code
PCB pins	6Vdc	Cream	MB2B06
	12Vdc	Cream	MB2B12
	24Vdc	Cream	MB2B24
Wire leads	3Vdc	Cream	MB3W03
		Black	MB3W03B
	6Vdc	Cream	MB3W06
		Black	MB3W06B
	9Vdc	Cream	MB3W09
		Black	MB3W09B
	12Vdc	Cream	MB3W12
		Black	MB3W12B
	24Vdc	Cream	MB3W24
		Black	MB3W24B

TRIGGERED – Similar to the MB2B series but with additional connection provided for external control of the device. Four pin mounting.

Type	Rated Voltage	Body Colour	Manf. Part No. & anglia Order Code
PCB pins	6Vdc	Cream	MB2TB06
	12Vdc	Cream	MB2TB12

SOLID STATE BUZZERS *continued*
(built-in drive)

HIGH PITCH SOUND, SEALED CIRCULAR BODY

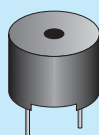
High pitched, continuous single tone sound output. Sub-miniature body is fitted with pcb pins and fully sealed to withstand wave soldering and washing. Supplied with removable seal over the sound hole. Available in two sizes.

Size 12mm

A range of 12mm dia. buzzers offering a choice of operating voltage and body height. Body colour **Black**.

EXPANDED RANGE

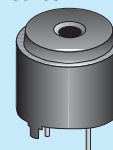
MBS12B series



Size 16mm

A range of 16mm dia. buzzers offering a choice of operating voltage. Body colour **Black**.

MBS16B series



Specification	Low Profile Body					
	MBS12B	MBS12B06	MBS12B12	MBS12B06LP	MBS12B12LP	
Rated voltage	1.5	6	12	6	12	Vdc
Supply voltage range	1.3 - 2	4 - 7	7 - 16	3 - 7	8 - 15	Vdc
Current	20 max.	30 max.	30 max.	30 max.	30 max.	mA
Sound output at 10cm	75 min.	85 min.	85 min.	85 min.	85 min.	dB
Frequency	2300	2300	2300	2300	2300	Hz
Oper. temp. range	-10, +50	-25, +80	-25, +80	-20, +70	-20, +70	°C

Specification	MBS16B06		MBS16B12		
	MBS16B06	MBS16B12	MBS16B06	MBS16B12	
Rated voltage	6	12	6	12	Vdc
Supply voltage range	4 - 8	8 - 15	4 - 8	8 - 15	Vdc
Current	30 max.	30 max.	30 max.	30 max.	mA
Sound output at 10cm	85 min.	85 min.	85 min.	85 min.	dB
Frequency	2300	2300	2300	2300	Hz
Oper. temp. range	-25, +80	-25, +80	-25, +80	-25, +80	°C

Dimensions (mm)	Low Profile Body	
	MBS12B/06/12	MBS12B06LP/12LP
Body Dia.	12	12
H.	9.5	7.5
Pin pitch	7.6	7.6

Dimensions (mm)	MBS16B06/12	
	MBS16B06/12	MBS16B06/12
Body Dia.	16	16
H.	14	14
Pin pitch	7.6	7.6

Size (dia.)	Profile (height)	Type	Rated Voltage	Manf. Part No. & Anglia Order Code
12mm	7.5mm	PCB pins (washable)	6Vdc	MBS12B06LP MBS12B12LP
12mm	7.5mm	PCB pins (washable)	12Vdc	
12mm	9.5mm	PCB pins (washable)	1.5Vdc	MBS12B MBS12B06 MBS12B12
12mm	9.5mm	PCB pins (washable)	6Vdc	
12mm	9.5mm	PCB pins (washable)	12Vdc	

Size (dia.)	Profile (height)	Type	Rated Voltage	Manf. Part No. & Anglia Order Code
16mm	14mm	PCB pins (washable)	6Vdc	MBS16B06 MBS16B12
16mm	14mm	PCB pins (washable)	12Vdc	


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