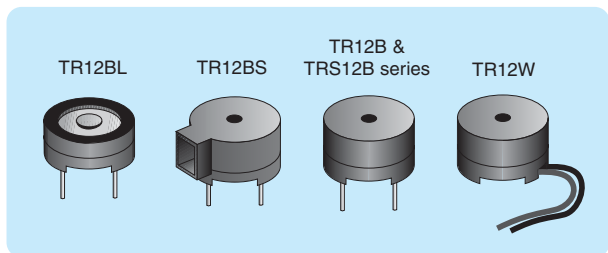


**TRANSDUCERS
(externally driven)**

Sub-miniature electro-magnetic devices designed to be driven from an external audio source. Suitable for single and multitone sound output or basic reproduction of speech. Ideal for battery operated equipment. Available in two sizes.

Size 12mm

A range of 12mm dia. transducers offering a choice of body style, termination method and operating voltage. The TRS12B series has a sealed and washable body. Body colour **Black**.



Specification

	TR12BL	TR12BS	TR12B/W	TR12B	TRS12B06	TRS12B12	
Rated voltage	1.5	1.5	1.5	1.5	6	12	Vp-p
Supply voltage range	1 - 2	1 - 2	1.1 - 1.7	1 - 2	4 - 8	7 - 16	Vp-p
Current	10 max.	80 max.	10	70 max.	40 max.	40 max.	mA
DC resistance	42	6.5	42	6.5	45	140	Ω
Sound output at 10cm	70 min.	80 min.	85 min.	75 min.	85 min.	85 min.	dB
Resonant frequency	2048	2048	2048	2400	2400	2400	Hz
Oper. temp. range	-25, +70	-20, +70	-20, +60	-25, +70	-25, +70	-25, +70	°C

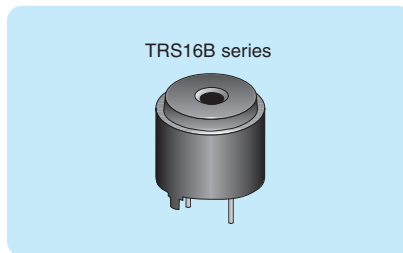
Dimensions (mm)

	TR12BL	TR12BS	TR12B	TR12W	TRS12B/06/12
Body Dia.	12	12 (W.13.7)	12	12	12
H.	5.4	7.5	8.6	8.6	9
Pin pitch	6.5	6.5	6.5	-	6.5

Size (dia.)	Profile (height)	Type	Rated Voltage	Manf. Part No. & Anglia Order Code
12mm	5.4mm	PCB pins	1.5Vp-p	TR12BL
12mm	7.5mm	PCB pins (side hole)	1.5Vp-p	TR12BS
12mm	8.6mm	PCB pins	1.5Vp-p	TR12B
12mm	8.6mm	Wire leads	1.5Vp-p	TR12W
12mm	9mm	PCB pins(washable)	1.5Vp-p	TR12B
12mm	9mm	PCB pins(washable)	6Vp-p	TRS12B06
12mm	9mm	PCB pins(washable)	12Vp-p	TRS12B12

Size 16mm

A range of 16mm dia. transducers, with pcb pins and a sealed and washable body, offering a choice of operating voltage. Body colour **Black**.



Specification

	TRS16B	TRS16B06	TRS16B12	
Rated voltage	1.5	6	12	Vp-p
Supply voltage range	1 - 2	4 - 8	6 - 18	Vp-p
Current	12	40	40	mA
DC resistance	27	50	115	Ω
Sound output at 10cm	80	85	85	dB
Resonant frequency	2048	2048	2048	Hz
Oper. temp. range	-25, +70	-25, +70	-25, +70	°C

Dimensions (mm)

	TRS16B/06/12
Body Dia.	16
H.	14
Pin pitch	7.6

Size (dia.)	Profile (height)	Type	Rated Voltage	Manf. Part No. & Anglia Order Code
16mm	14mm	PCB pins (washable)	1.5Vp-p	TRS16B
16mm	14mm	PCB pins (washable)	6Vp-p	TRS16B06
16mm	14mm	PCB pins (washable)	12Vp-p	TRS16B12