

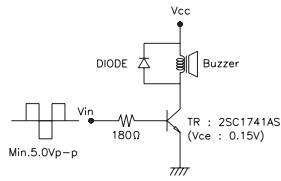
HS TechVIC
since 1987

Magnetic Sound Transducer | Buzzer

Product	Specification		
 TR-5020	Size	[mm]	5 X 5
	Height	[mm]	2.0
	Rated Voltage	[Vp-p]	3.0
	Min. SPL	[dB]	78.0
	Frequency	[Hz]	4000
	Resistance	[Ω]	12 ± 2.0
	Distortion	[THD]	Max 5%(1KHz)
 TR-5030	Size	[mm]	5 X 5
	Height	[mm]	2.0
	Rated Voltage	[Vp-p]	3.0
	Min. SPL	[dB]	78.0
	Frequency	[Hz]	4000
	Resistance	[Ω]	12 ± 2.0
	Distortion	[THD]	Max 5%(1KHz)
 TR-7520	Size	[mm]	7.5 X 7.5
	Height	[mm]	2.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	85.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8025	Size	[mm]	8 X 8
	Height	[mm]	2.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	88.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8030(A)	Size	[mm]	8 X 8
	Height	[mm]	3.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	88.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8030(B)	Size	[mm]	8 X 8
	Height	[mm]	3.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	88.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)

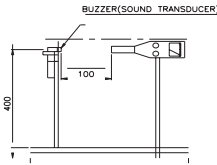
Product	Specification		
 TR-8530(A)	Size	[mm]	8.5 X 8.5
	Height	[mm]	3.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8530(B)	Size	[mm]	8.5 X 8.5
	Height	[mm]	3.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8540(A)	Size	[mm]	8.5 X 8.5
	Height	[mm]	4.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-8540(B)	Size	[mm]	8.5 X 8.5
	Height	[mm]	4.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-1035(A)	Size	[mm]	10 X 10
	Height	[mm]	3.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-1035(B)	Size	[mm]	10 X 10
	Height	[mm]	3.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)

Standard Driver Circuit



Product	Specification		
 TR-85102	Size	[mm]	10 X 8.5
	Height	[mm]	2.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	88.0
	Frequency	[Hz]	2670
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 TR-141134	Size	[mm]	14 X 11
	Height	[mm]	3.4
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	88.0
	Frequency	[Hz]	3200
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 HR-9027	Size	[mm]	Ø9.0
	Height	[mm]	2.7
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 HR-9035	Size	[mm]	Ø9.0
	Height	[mm]	3.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 HR-9040	Size	[mm]	Ø9.0
	Height	[mm]	4.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 SMR-9045	Size	[mm]	Ø9.0
	Height	[mm]	4.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)

Standard Test Fixture



Measurement Parts

- Set 400 mm height
- Set 100 mm between Buzzer and SPL Meter
- Set weight : "Fast" / "A"

Product	Specification		
 SMHR-25	Size	[mm]	Ø9.6
	Height	[mm]	2.5
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	87.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 SMHR-32	Size	[mm]	Ø9.6
	Height	[mm]	3.2
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	92.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	16 ± 2.4
	Distortion	[THD]	Max 5%(1KHz)
 SMT-9050	Size	[mm]	Ø9.0
	Height	[mm]	5.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	25 ± 3.8
	Distortion	[THD]	Max 5%(1KHz)
 SMT-9050[L/W]	Size	[mm]	Ø9.0
	Height	[mm]	5.0
	Rated Voltage	[Vp-p]	3.6
	Min. SPL	[dB]	90.0
	Frequency	[Hz]	2731
	Resistance	[Ω]	25 ± 3.8
	Distortion	[THD]	Max 5%(1KHz)
 SOST-1275A	Size	[mm]	Ø12.0
	Height	[mm]	7.5
	Rated Voltage	[Vp-p]	5.0
	Min. SPL	[dB]	80.0
	Frequency	[Hz]	3100 ± 800
	Resistance	[Ω]	Avg 25mA
	Distortion	[THD]	Max 5%(1KHz)
 SOST-1275B	Size	[mm]	Ø12.0
	Height	[mm]	7.5
	Rated Voltage	[Vp-p]	12.0
	Min. SPL	[dB]	75.0
	Frequency	[Hz]	3200 ± 800
	Resistance	[Ω]	Avg 15mA
	Distortion	[THD]	Max 5%(1KHz)

HS TechVIC

Dynamic
Speaker | Receiver



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