SUZOHAPP

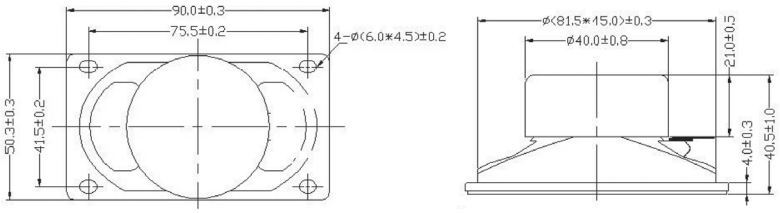
Audio PRO speakers

Wide range of loud speakers that fit into any cabinets

Full range speaker 50 x 90 mm 8Ω

Part number: 22-0960

Technical Schematics



Note: Unit of measure: mm

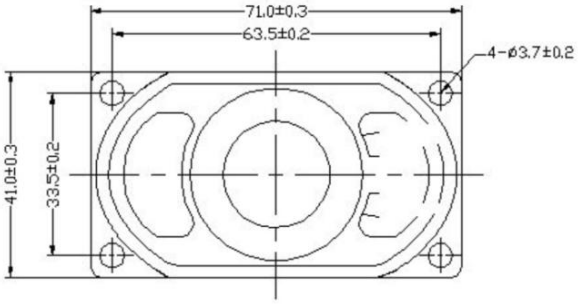
Technical specifications

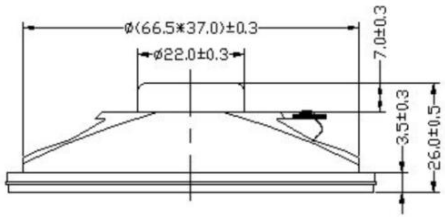
Voice Coil Imp.	8 OHM ± 15%	AT 400 HZ 1.0V	
Voice Coil Imp.	7.2 OHM ± 15%	AT 400 HZ 1.0V	
Buzzes & Rattles	Must Be Normal	Sine wave 8.0 V/100~ 150HZ	
Resonant Freq	170 ± 20% HZ		
Output S-P-L	Mean value at 83.0±2 db 0.6 , 0.8 , 1.0 , 1.2 khz	At 1W axis calculated from 1m measurement	
Freq. response	130 ~ 20KHZ OUTPUT SPL -10DB		
Rated Power Input	10 W	Sine Wave Program Signal	
Max. Power Input	15 W		
Temperature Range	-25 ~ 70°C		
Distortion	5% Less-Max	Rated Power Input	
Load Test	After Test Meet Item 2 & 3	Pink Noise 8 W 24 Hours	
Heat Test	After Test Meet Item 2 & 3	70±2°C 20~25% R.H. 24 HOURS 40±2°C 90~95% R.H. 24 HOURS	
Bobbin Material	Kapton	Diaphragm Material	Paper
Wire Material	SV	Edge Material	Form
Voice Coil I.d. (Min)	ϕ13 Mm	Top Plate Thickness	2 mm
Magnet		Frame	
Weight	Main: GR	Material	FE
Size	Main: ϕ45*ϕ22*8 Tmm Cover: ϕ40* 22*8 Tmm	Finish	Black Painting
Material	Ferrite	Dust cap Material	Paper
Connections	4.8 X 0.5Mm (+)	2.8 X 0.5Mm (-)	
Quality Inspection Level	II AQL (0.65)MA (2.5)MI		

Oval speaker 41 x 71 mm 8Ω2w

Part number: 22-0961

Technical Schematics





Note: Unit of measure: mm

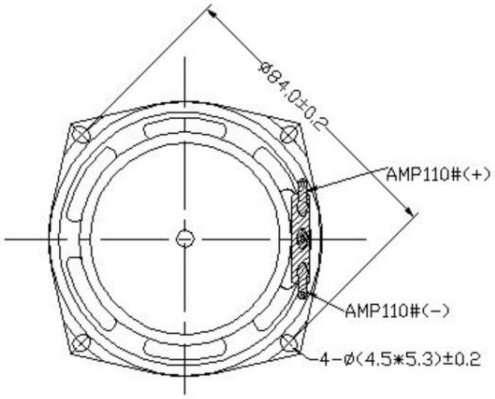
Technical specifications

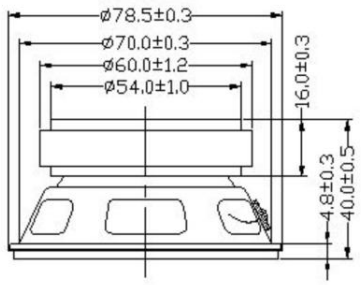
Voice Coil Imp.	4 Ω ± 15%	AT 400 HZ 1.0V	
Voice Coil Imp.	3.6 Ω ± 15%	AT 400 HZ 1.0V	
Buzzes & Rattles	Must Be Normal	Sine Wave 2.8 V/150~1500 HZ	
Resonant Freq	330HZ ± 20%		
Output S-P-L	Mean value at 82.0±2 DB 0.6 , 0.8 , 1.0 , 1.2 KHZ	At 1W Axis Calculated From 1M Measurement	
Freq. response	220 – 2000HZ OUTPUT SPL -10DB		
Rated Power Input	2W	Sine Wave Program Signal	
Max. Power Input	4 W		
Temperature Range	-25 ~ 70°C		
Distortion	5% Less-Max	Rated Power Input	
Load Test	After Test Meet Item 2 & 3	Pink Noise 2 W 24 Hours	
Heat Test	After Test Meet Item 2 & 3	70±2°C 20~25% R.H. 24 HOURS 40±2°C 90~95% R.H. 24 HOURS	
Bobbin Material	Paper	Diaphragm Material	Paper
Wire Material	Lock	Edge Material	Form
Voice Coil I.d. (Min)	ф 13 Mm	Top Plate Thickness	2 mm
Magnet		Frame	
Weight	Main: GR	Material	FE
Size	Main: ф 12,5*ф 3 Tmm	Finish	Black Painting
Material	Nd-Fe-B	Dust cap Material	Paper
Connections	4.8 X 0.5 MM (+)	2.8 X 0.5Mm (-)	
Quality Inspection Level	II AQL (0.65)MA (2.5)MI		

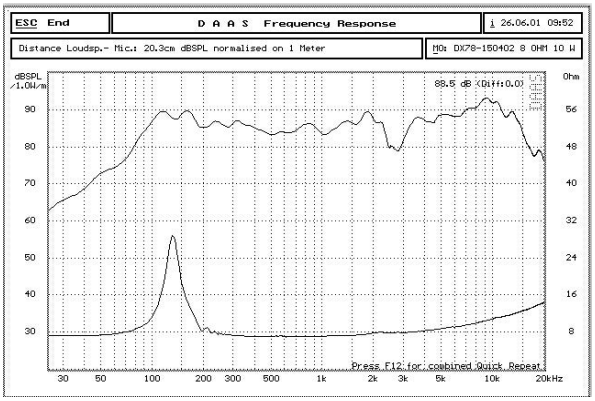
Full range speaker 3.3” 8Ω10w

Part number: 22-0962

Technical Schematics







Note: Unit of measure: mm

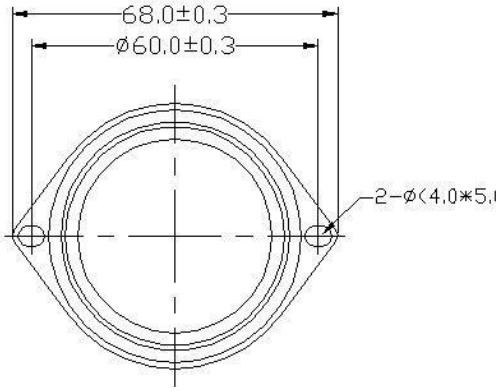
Technical specifications

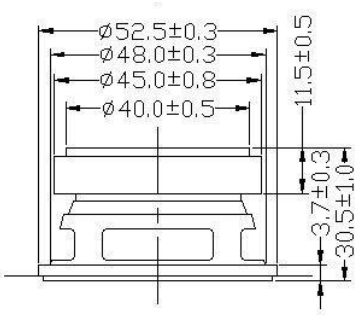
Voice Coil Imp.	8 Ω OHM ± 15%	AT 400 HZ 1.0V	
Voice Coil Imp.	7.2 Ω ± 15%	AT 400 HZ 1.0V	
Buzzes & Rattles	Must Be Normal	Sine Wave 8.0 V/60~1500 HZ	
Resonant Freq	140 ± 20% Hz		
Output S-P-L	Mean value at 88.0±2 DB 0.6 , 0.8 , 1.0 , 1.2 KHZ	At 1W Axis Calculated From 1M Measurement	
Freq. response	220 – 2000HZ OUTPUT SPL -10DB		
Rated Power Input	10 W	Sine Wave Program Signal	
Max. Power Input	15 W		
Temperature Range	-25 ~ 70°C		
Distortion	5% Less-Max	Rated Power Input	
Load Test	After Test Meet Item 2 & 3	Pink Noise 10 W 24 Hours	
Heat Test	After Test Meet Item 2 & 3	70±2°C 20~25% R.H. 24 HOURS 40±2°C 90~95% R.H. 24 HOURS	
Bobbin Material	AVS	Diaphragm Material	Paper
Wire Material	Lock	Edge Material	Form
Voice Coil I.d. (Min)	ф 14 Mm	Top Plate Thickness	3 mm
Magnet		Frame	
Weight	Main: GR	Material	FE
Size	Main: ф 60*φ 32* 10Tmm	Finish	Black Painting
Material	Ferrite	Dust cap Material	Paper
Connections	4.8 X 0.5 MM (+)	2.8 X 0.5Mm (-)	
Quality Inspection Level	II AQL (0.65)MA (2.5)MI		

Full range speaker size 2” 8Ω5w

Technical Schematics

Part number: 22-0963





Note: Unit of measure: mm

Technical specifications

Voice Coil Imp.	8 OHM ± 15%	AT 400 HZ 1.0V	
Voice Coil Imp.	7.2 OHM ± 15%	AT 400 HZ 1.0V	
Buzzes & Rattles	Must Be Normal	Sine Wave 4.9 V/80~1500 HZ	
Resonant Freq	190 ± 20% Hz		
Output S-P-L	Mean value at 83.0±2 DB 0.6 , 0.8 , 1.0 , 1.2 KHZ	At 1W Axis Calculated From 1M Measurement	
Freq. response	150 – 2000HZ OUTPUT SPL -10DB		
Rated Power Input	5 W	Sine Wave Program Signal	
Max. Power Input	8 W		
Temperature Range	-25 ~ 70°C		
Distortion	5% Less-Max	Rated Power Input	
Load Test	After Test Meet Item 2 & 3	Pink Noise 10 W 24 Hours	
Heat Test	After Test Meet Item 2 & 3	70±2°C 20~25% R.H. 24 HOURS 40±2°C 90~95% R.H. 24 HOURS	
Bobbin Material	Papper	Diaphragm Material	Paper
Wire Material	Lock	Edge Material	Form
Voice Coil I.d. (Min)	Φ 13 Mm	Top Plate Thickness	1.5 mm
Magnet		Frame	
Weight	Main: GR	Material	FE
Size	Main: Φ 45*Φ 19* 8 Tmm	Finish	Black Painting
Material	Ferrite	Dust cap Material	Black Mylar
Connections	4.8 X 0.5 MM (+)	2.8 X 0.5Mm (-)	
Quality Inspection Level	II AQL (0.65)MA (2.5)MI		