

General Description

57mm OD x 16.1 mm Round Speaker

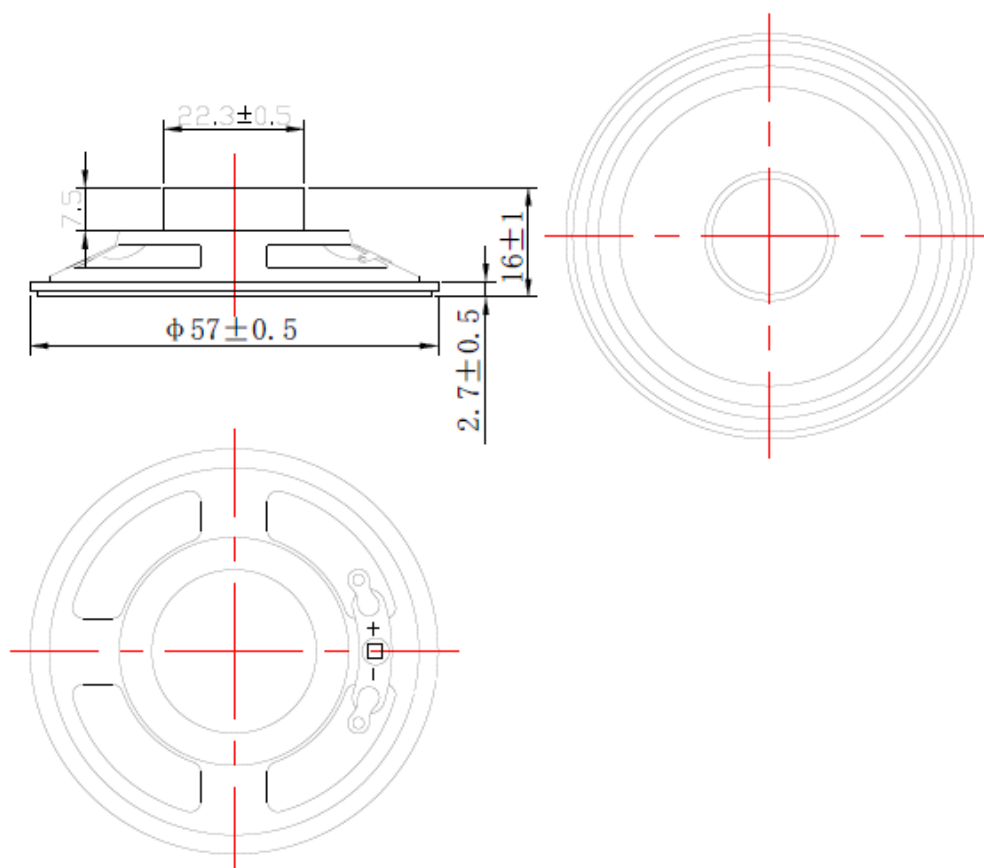
IP67



ELECTRICAL SPECIFICATIONS

PARAMETERS		VALUE	UNIT
Frequency Range		Fo ~ 4500	Hz
Resonant Frequency	@	540±20%	Hz
Input Power, max	@ 1 min	3.0	W
Rated Power		2.5	W
Rated Impedance	@ 1kHz/2.0V	4±15%	Ω
Coil Resistance		3.7±10%	Ω
Sound Pressure Level , min	@ 2W/10cm (AVG. At (0.8,1.0,1.18,1.5) kHz baffle board (IEC)	107±3	dB
Operating Temperature Range		-40 ~ +66	°C
Storage Temperature Range		-40 ~ +70	°C
Appearance		Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
Voice Coil Diameter		φ13.28	mm
Magnet (NdFeB)		φ12.5×2.0t	mm
Operation Test		Must be normal at sine wave and program source 2.5W.	-
Weight		30	g
Polarity		When a positive DC Current is applied to the voice coil terminal marked +or red ,the diaphragm shall move forward	
Buzz, Rattle, etc.	Should not be audible sine wave between (F0Hz ~ 4.5kHz)	3.16	V

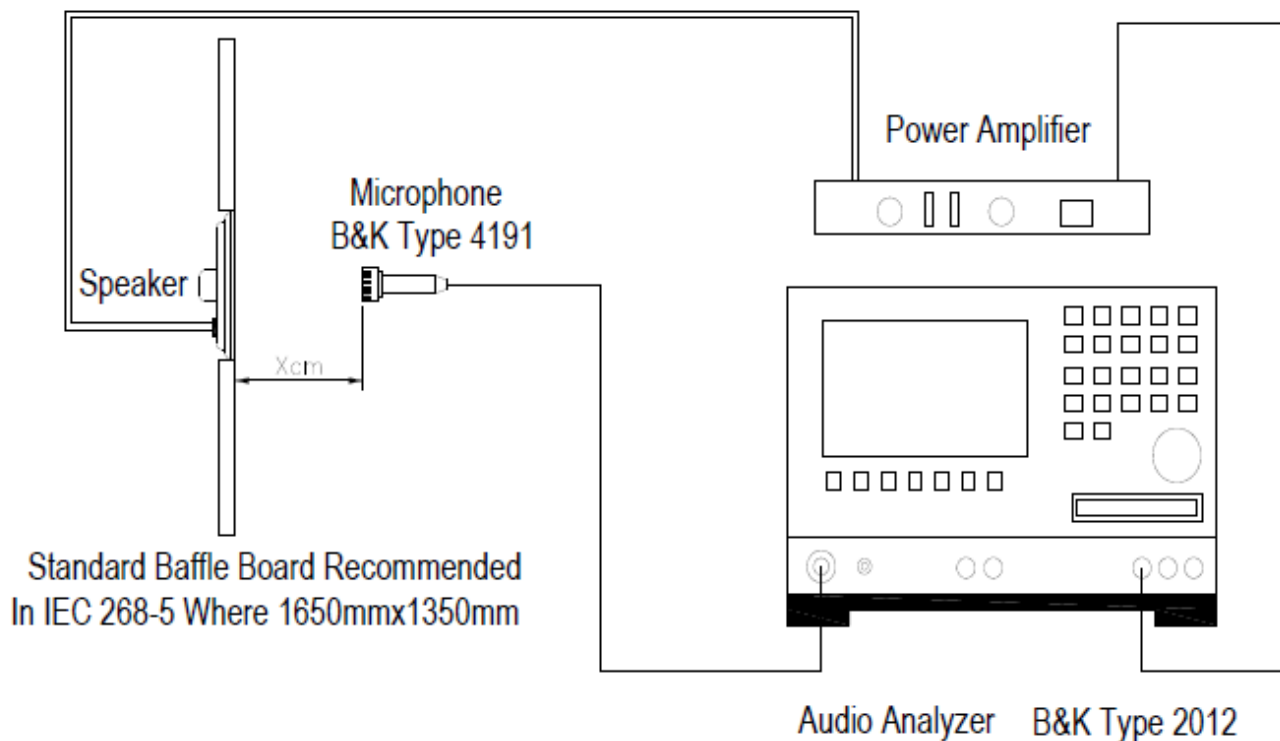
Dimensions



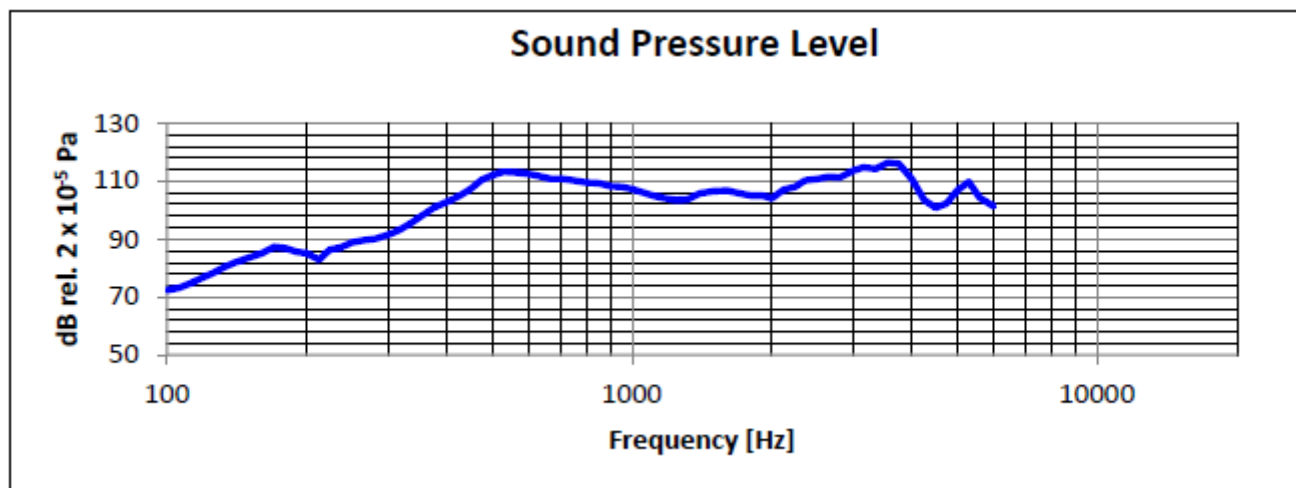
Unless otherwise specified, tolerance: ± 0.5 (unit:mm)

PART NAME	MATERIAL
Gasket	ABS
Diaphragm	PET
VOICE COIL	Paper+Cu
Plate	SPCC
Magnet	NdFeB
PCB Terminal	Paper+Cu
Frame	SPCC

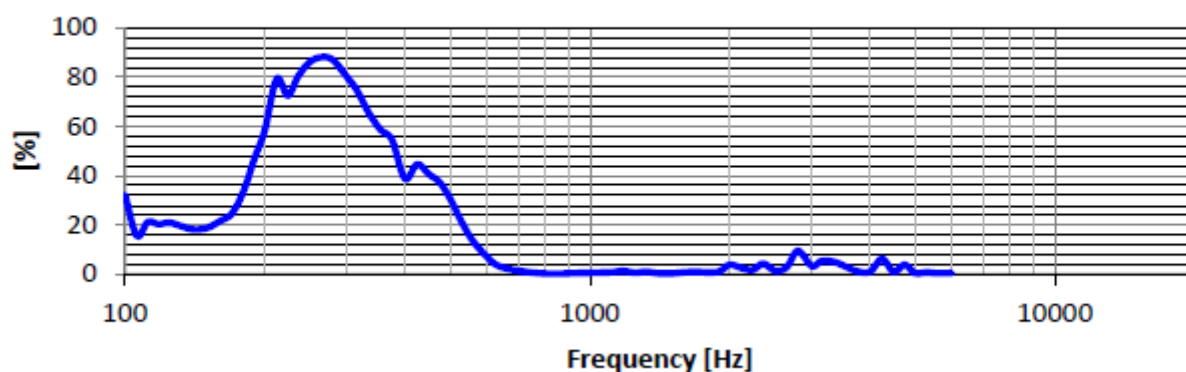
Test Condition



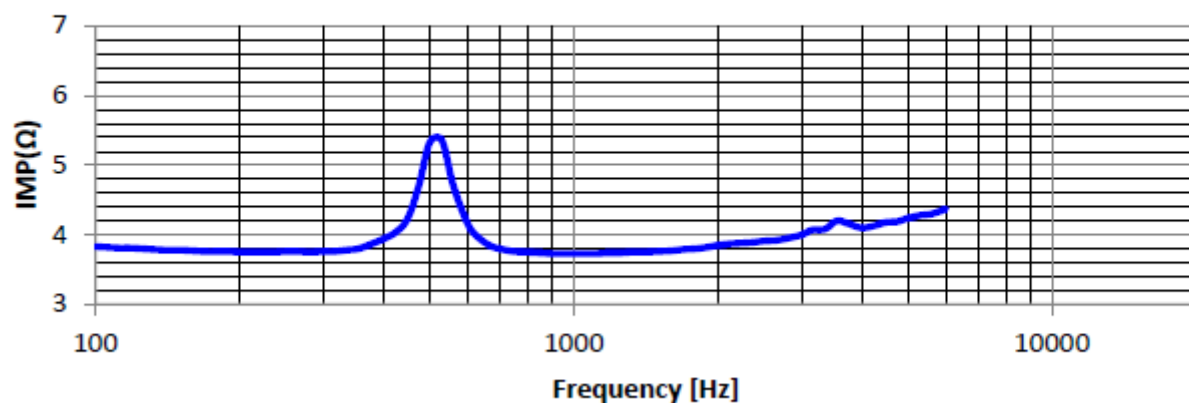
Frequency Characteristics



Distortion



IMPEDANCE



APPROVAL

DRAWN BY	AR, April 25, 2024
APPROVED BY	CP, April 25, 2024
REVISION	A, Initial Release



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