MODEL: CDS-5715-254SP-X5 | DESCRIPTION: SPEAKER

FEATURES

- IPX5 rated
- rated 2.5 W
- 4 Ω



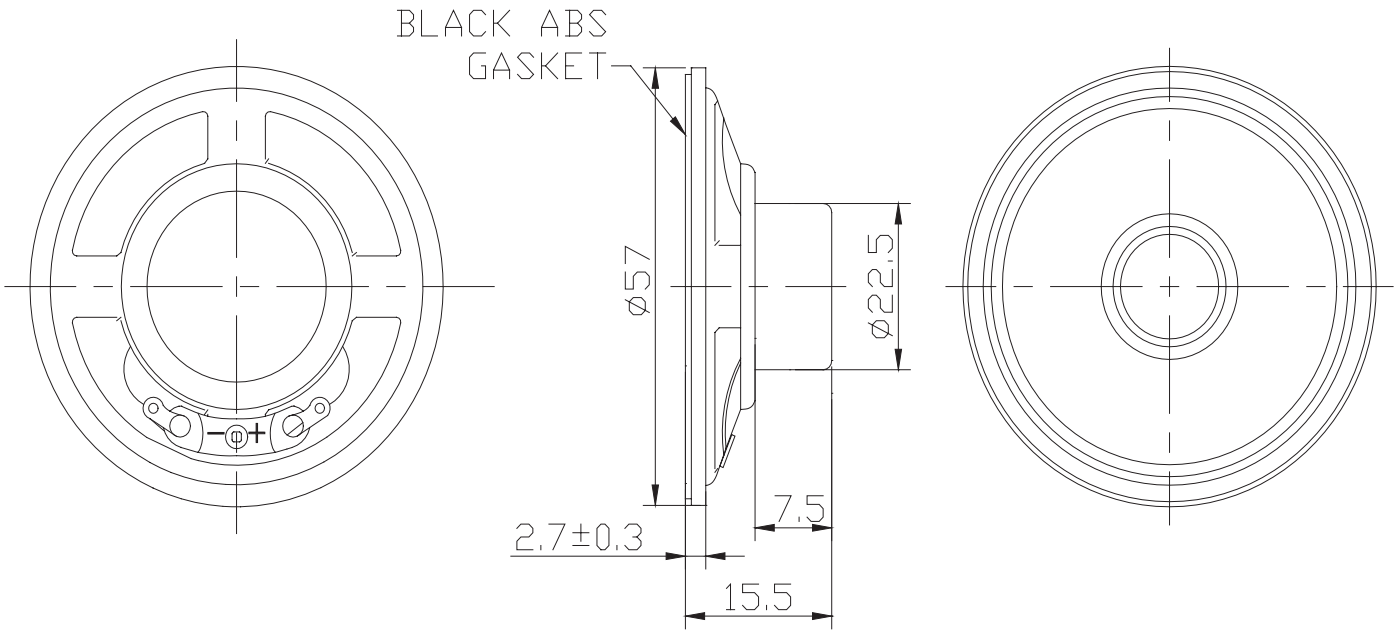
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: as per IEC-268-5		2.5	3.0	W
impedance	at 1 kHz, 2 V	3.4	4	4.6	Ω
coil resistance		3.33	3.7	4.07	Ω
resonant frequency (Fo)	at 2 V	384	480	576	Hz
frequency response		Fo		4,500	Hz
sound pressure level	at 2 W, 10 cm, avg 0.8, 1.0. 1.18, 1.5 kHz	104	107	110	dB
distortion	at 1 kHz, 1 W, 10 cm			5	%
buzz, rattle, etc.	must be normal at sine wave, Fo~4.5 kHz			3.16	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	Ø57 x 15.5				mm
magnet	Nd-Fe-B				
frame material	SPCC (black)				
cone material	PET (black)				
terminal	solder eyelets				
weight			30		g
operating temperature		-40		66	°C
storage temperature		-40		70	°C
hand soldering	for maximum 3 seconds			380	°C
RoHS	yes				
IP level	IPX5 (front side)				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

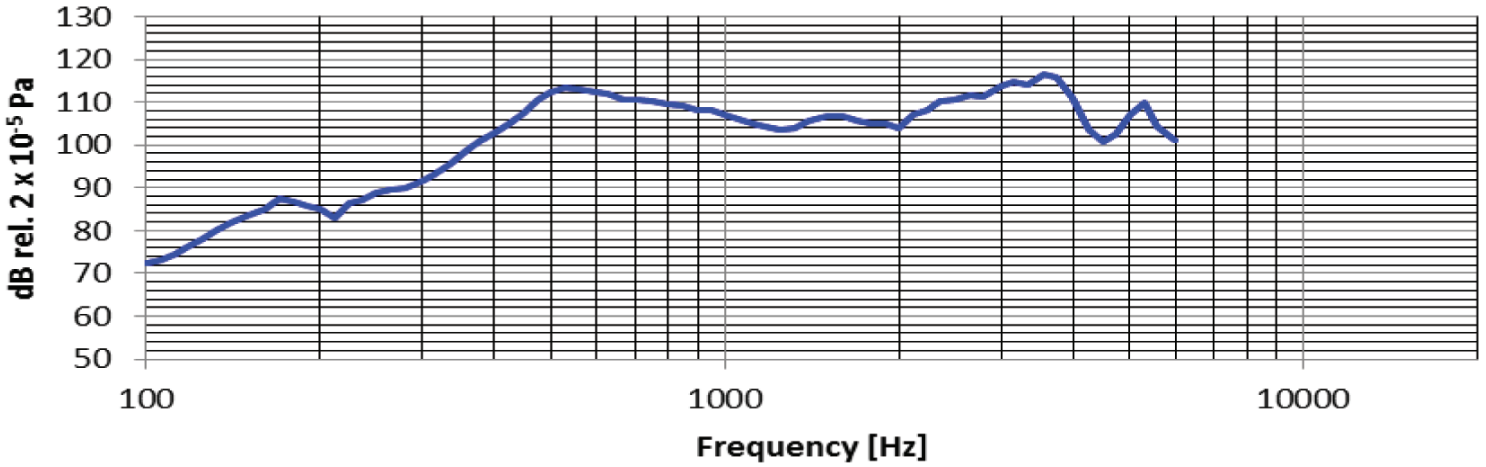
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

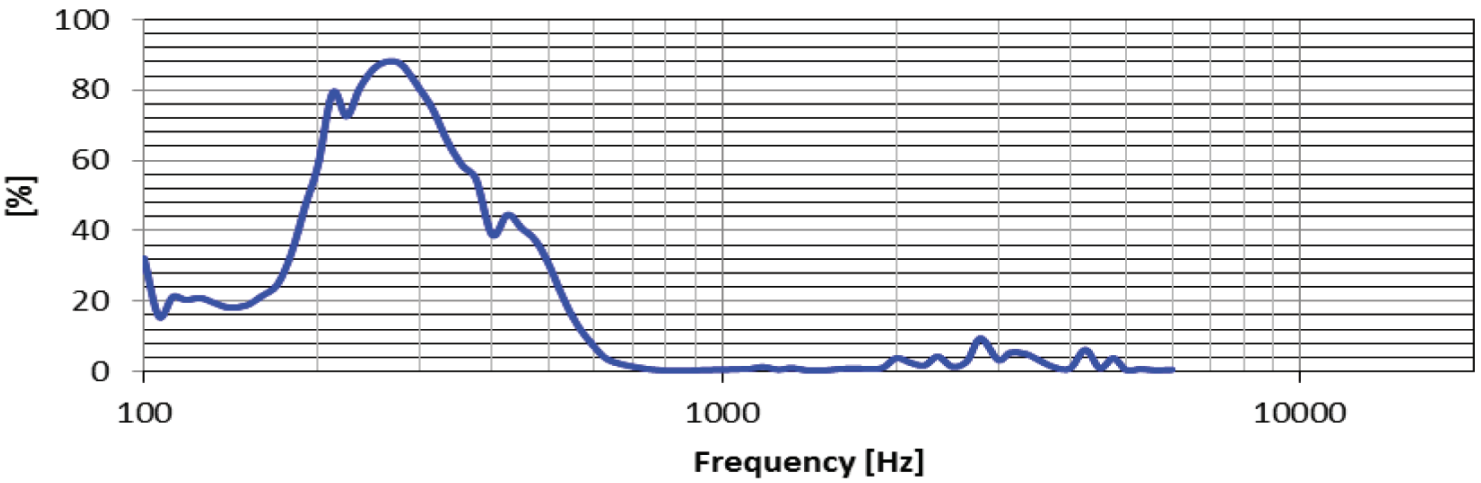


RESPONSE CURVES

Frequency Response Curve



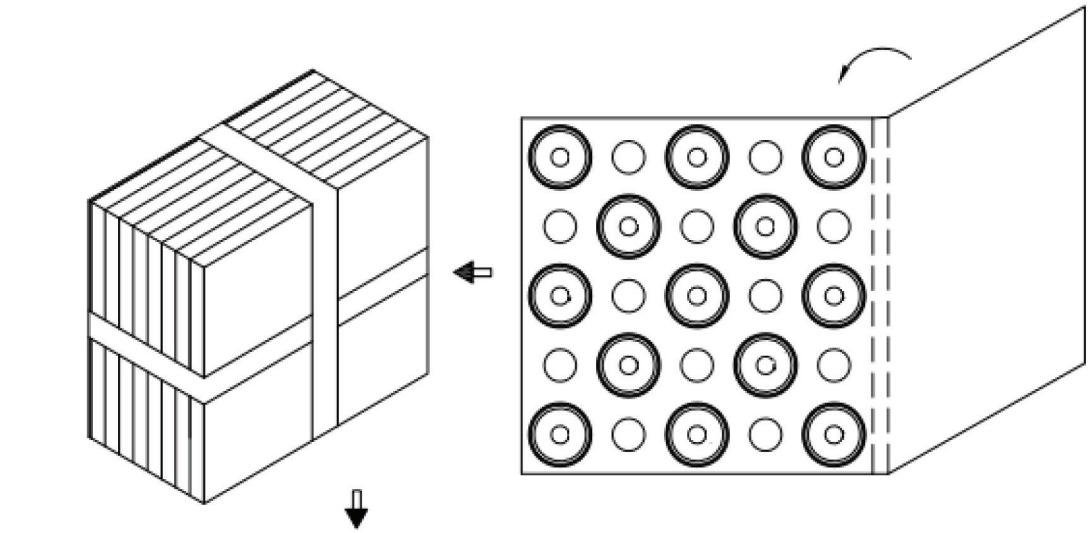
Total Harmonic Distortion Curve

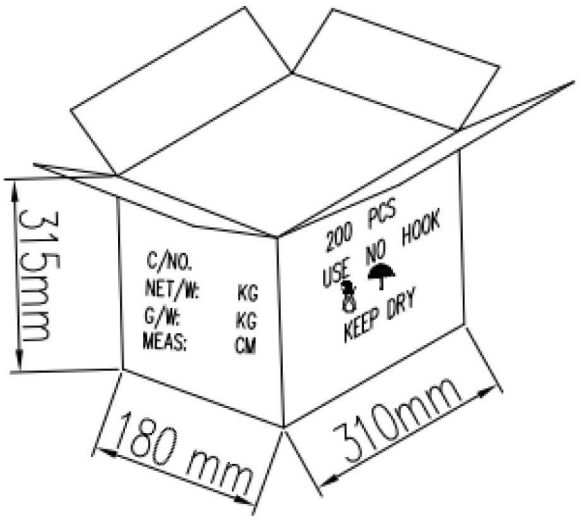


PACKAGING

units: mm

Tray QTY: 25 pcs per tray
Carton Size: 310 x 180 x 315 mm
Carton QTY: 200 pcs per carton





REVISION HISTORY

rev.	description	date
1.0	initial release	03/22/2023

The revision history provided is for informational purposes only and is believed to be accurate.

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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