MODEL: CMS-352052-24SP-X7 | DESCRIPTION: SPEAKER

FEATURES

- IPX7 rated
- rated 2.0 W
- 8 Ω



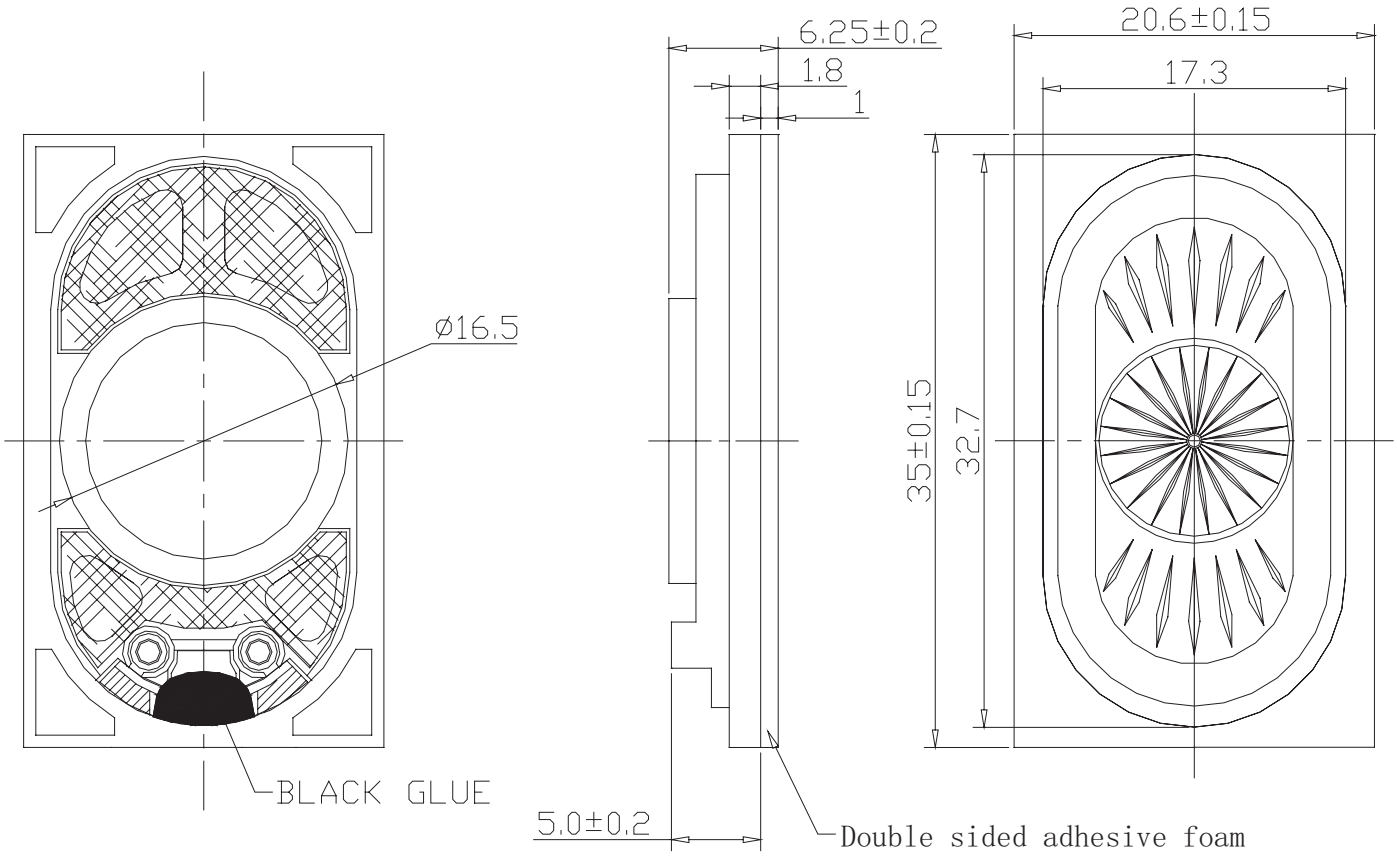
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: as per IEC-268-5		2.0	2.5	W
impedance	at 1.0 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1 V	680	850	1,020	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 1 W, 10 cm, avg 520, 650, 780 Hz	98	101	104	dB
distortion	at Fo~10 kHz, 1 V, 10 cm, sine wave at 1 kHz, 1 V, 10 cm, sine wave			10 5	% %
buzz, rattle, etc.	must be normal at sine wave, frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	35 x 20.6 x 6.25				mm
magnet	Nd-Fe-B				
frame material	PBT				
cone material	PEI				
terminal	solder pads				
weight			7.6		g
operating temperature		-30		70	°C
storage temperature		-40		85	°C
hand soldering	for maximum 3 seconds			380	°C
RoHS	yes				
IP level	IPX7 (front side)				

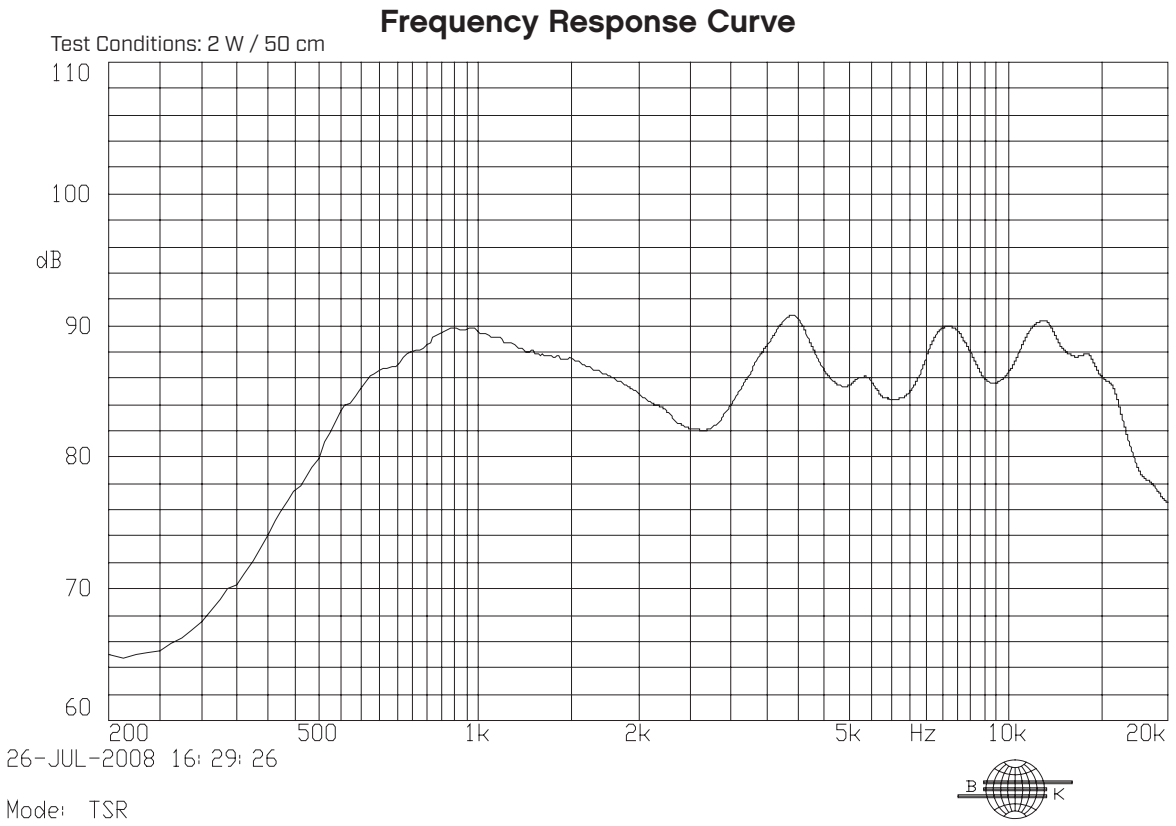
Notes: 1. All specifications measured at 23~25°C, humidity at 55%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



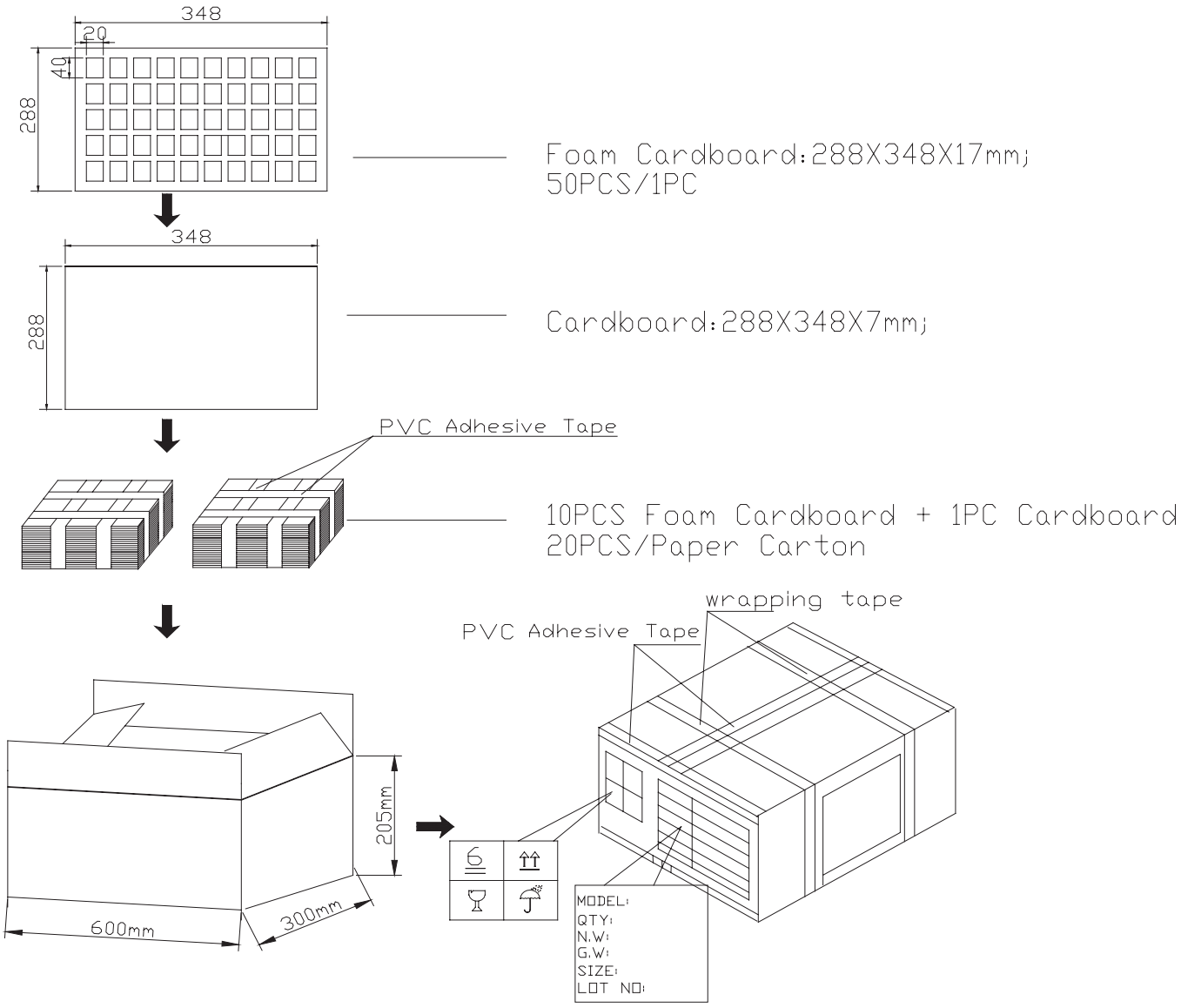
RESPONSE CURVE



PACKAGING

units: mm

Tray QTY: 50 pcs per tray
Carton Size: 600 x 300 x 205 mm
Carton QTY: 1,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/022/2023

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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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