MODEL: CMR-12062S-67 | DESCRIPTION: RECEIVER

FEATURES

- IP67 rated face
- protection against dust and water ingression
- dynamic receiver
- small footprint
- spring contacts



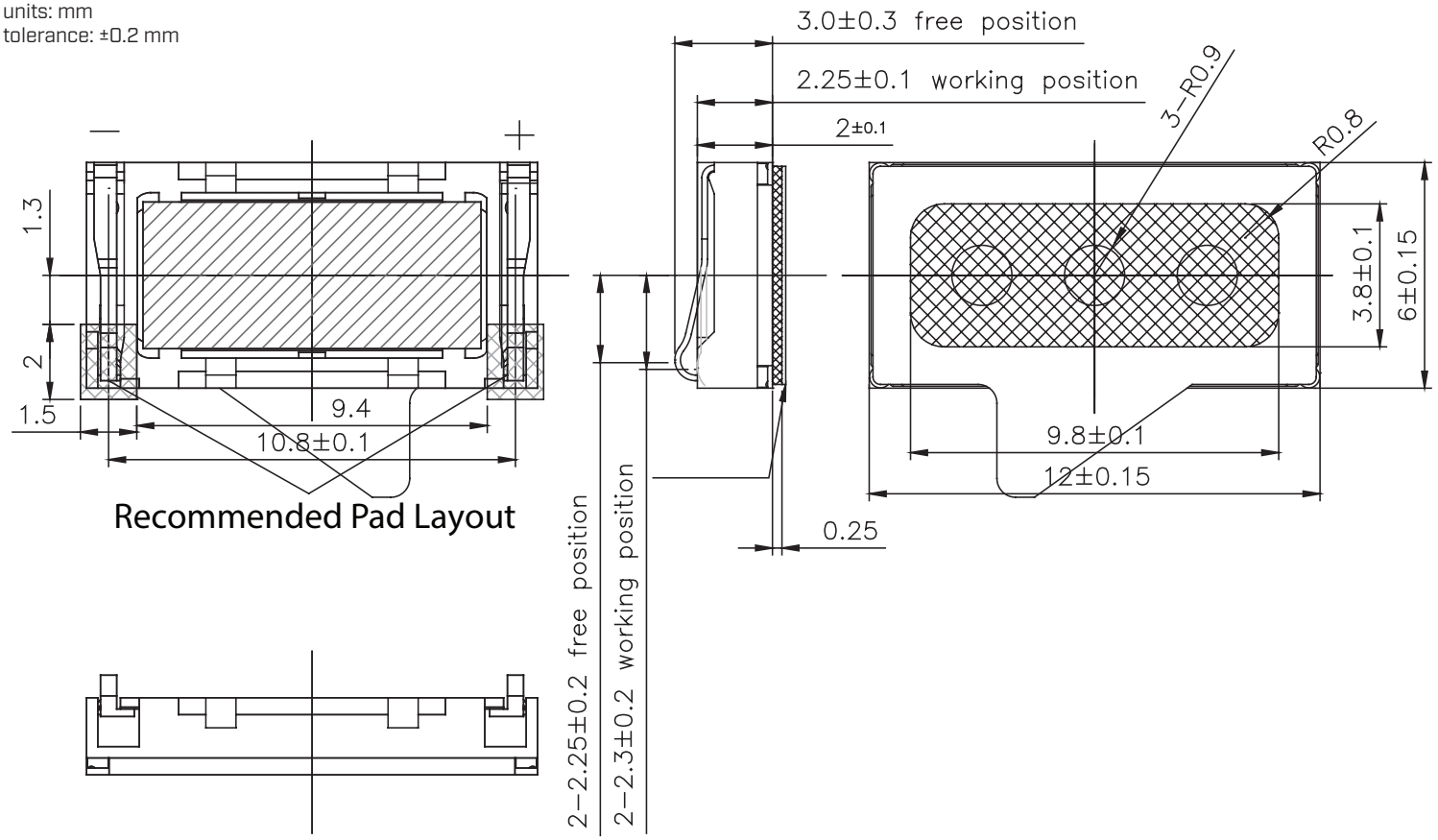
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power			20	30	mW
impedance	at 1.0 kHz, 0.8 Vrms in free air	27.2	32	36.8	Ω
coil resistance		23.8	28	32.2	Ω
resonant frequency (Fo)	at 0.8 Vrms in free air	360	450	540	Hz
frequency response		300		7,000	Hz
sound pressure level	at 1 kHz with Type 3.2 HL Ear, 0.8 Vrms	114	117	120	dB
distortion	see THD curve				%
buzz, rattle, etc.	must be normal at sine wave, 0.3~7 kHz		0.8		Vrms
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	12 x 6 x 2				mm
magnet	Nd-Fe-B				
cone material	PEEK				
weight			0.4		g
operating temperature		-20		70	°C
storage temperature		-40		85	°C
RoHS	yes				
IP level	IP67 (front side)				

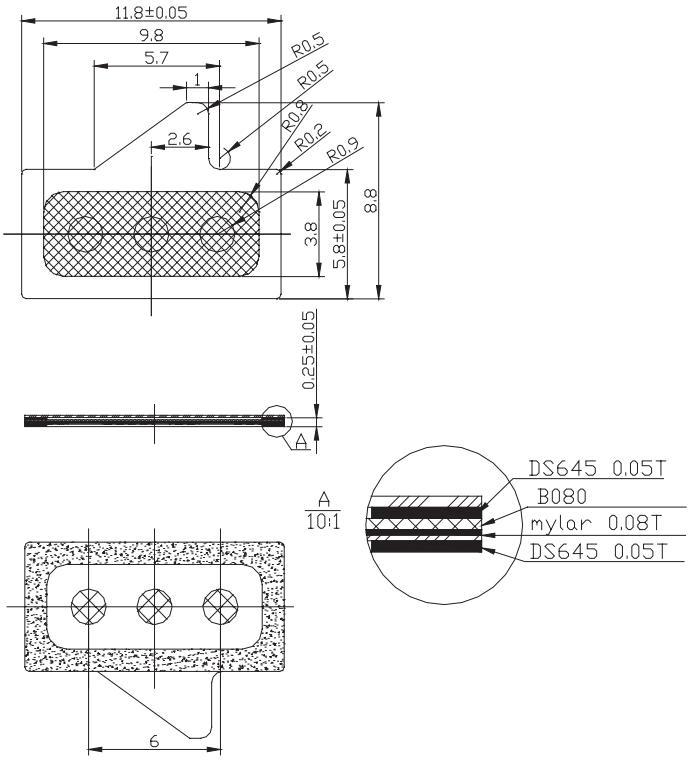
Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.2 mm



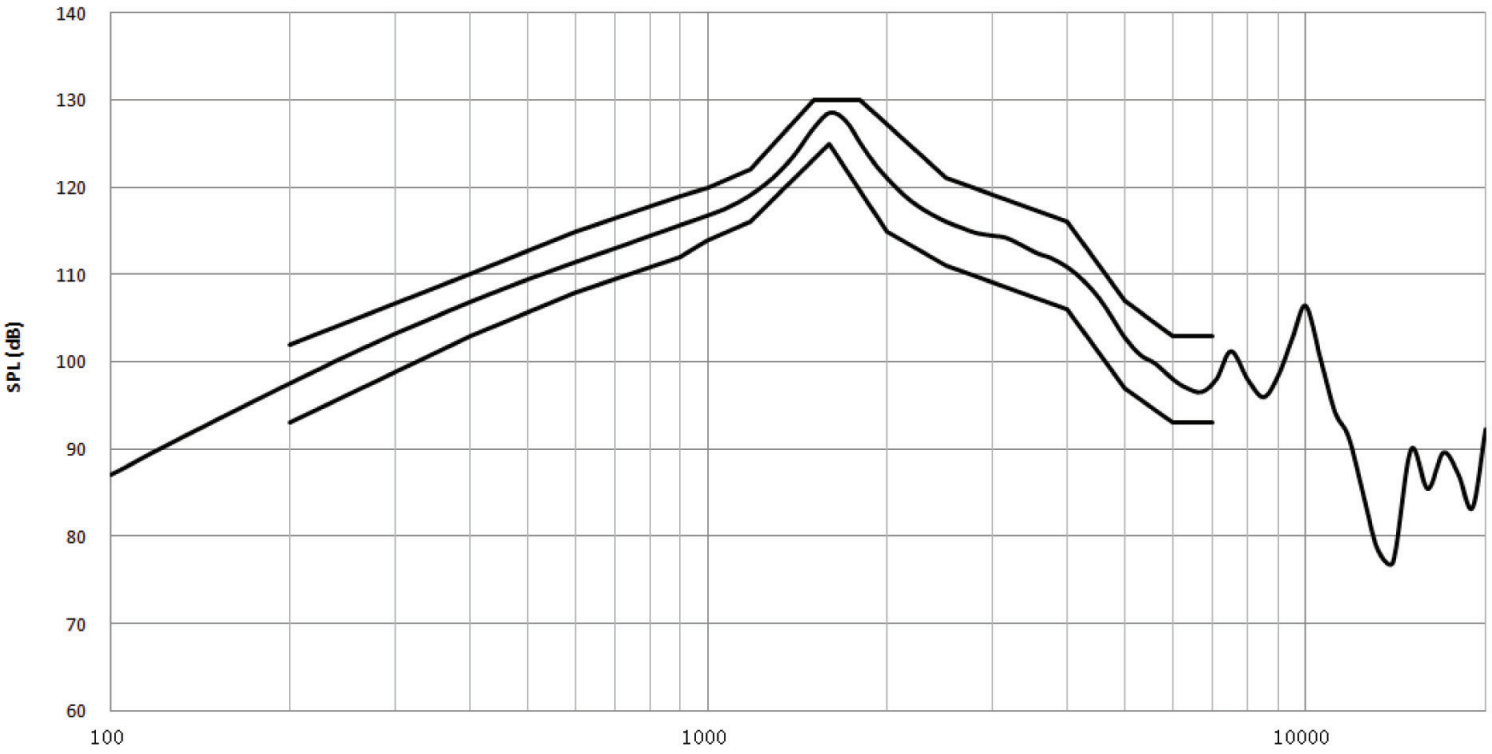
MECHANICAL DRAWING (GASKET)



RESPONSE CURVES

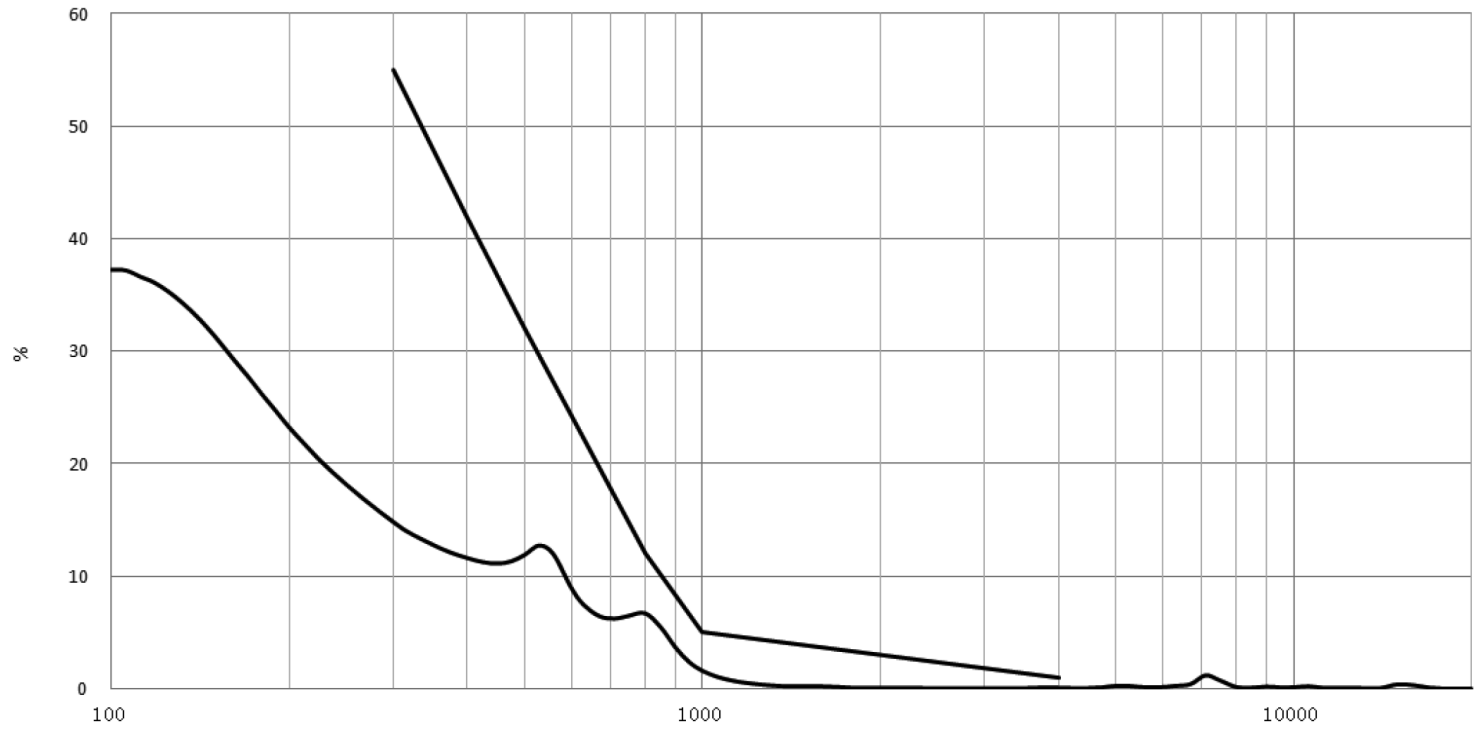
Frequency Response Curve

Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



Total Harmonic Distortion Curve

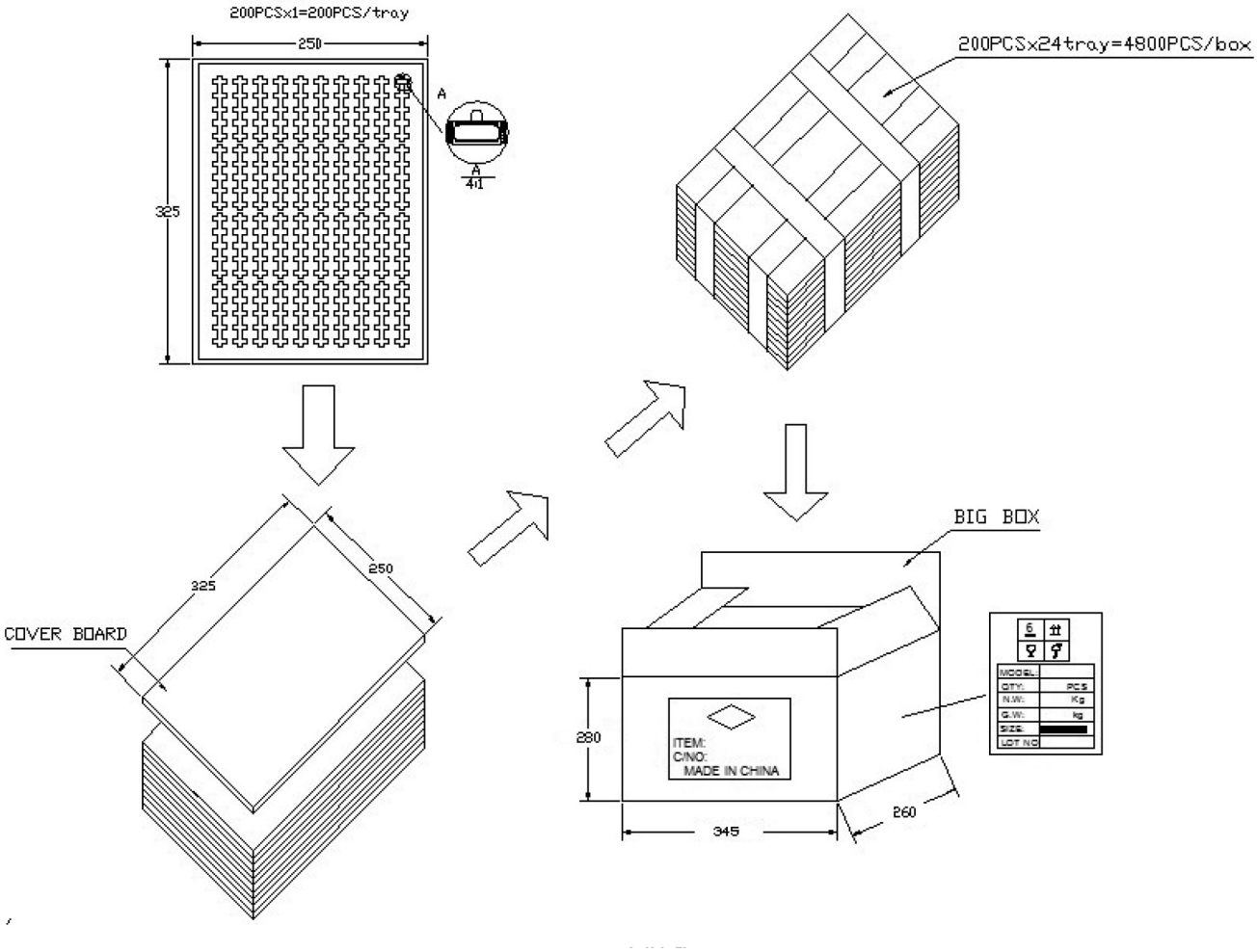
Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



PACKAGING

units: mm

Tray Size: 325 x 250 mm
Carton Size: 345 x 260 x 280 mm
Tray QTY: 200 pcs per tray
Carton QTY: 4,800 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/24/2018
1.01	brand update	01/23/2020
1.02	updated packaging	05/14/2020
1.03	logo, datasheet style update	08/05/2022
1.04	updated datasheet	05/20/2024

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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