CUI Devices is now Same Sky! Learn More

MODEL: CMR-15062S-67 | DESCRIPTION: RECEIVER

FEATURES

- IPX7 rated face
- protection against dust and water ingression
- dynamic receiver
- small footprint
- spring contacts

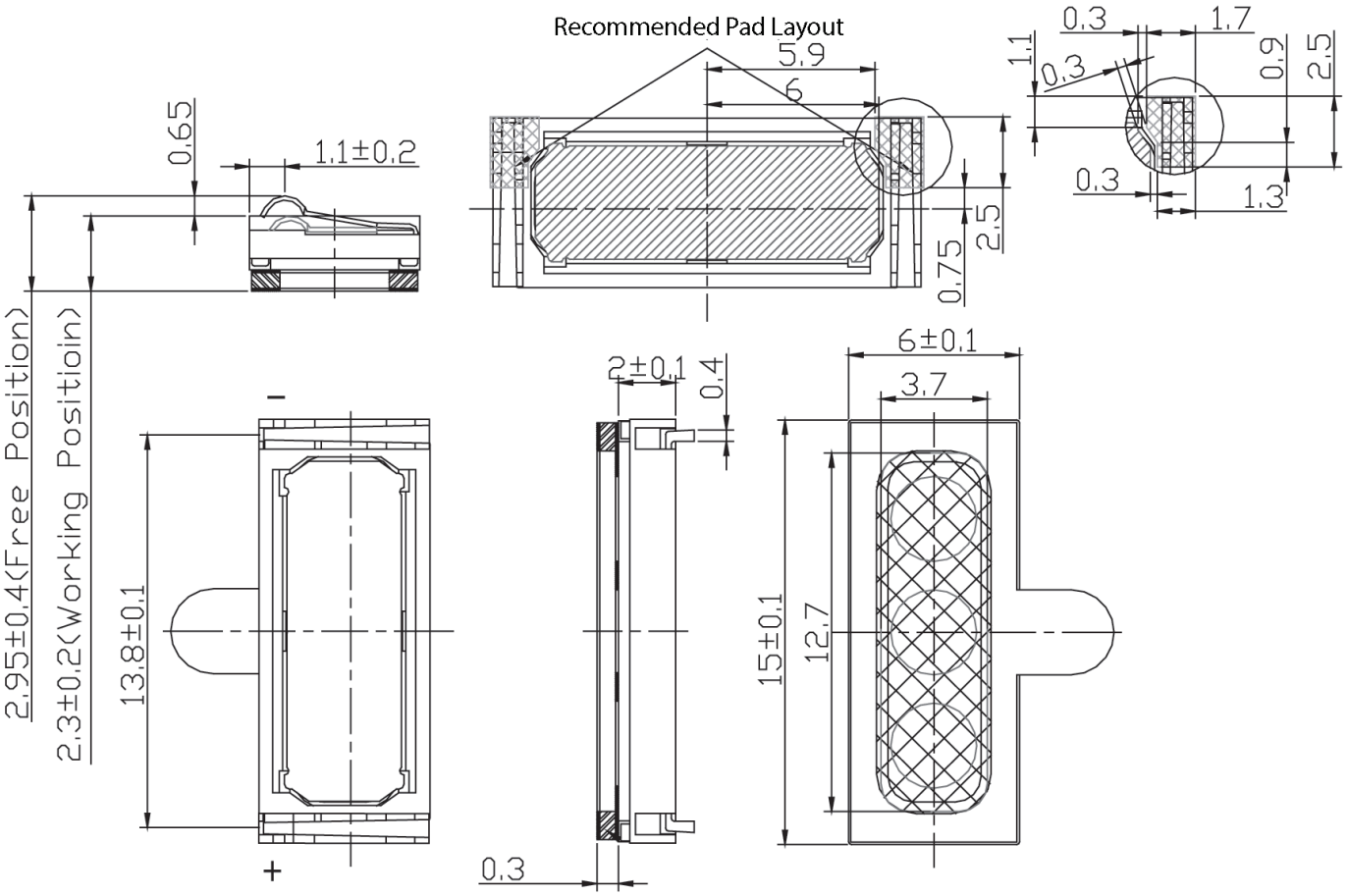
SPECIFICATIONS

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	440	550	660	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	15 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	IPX7 (front side)				

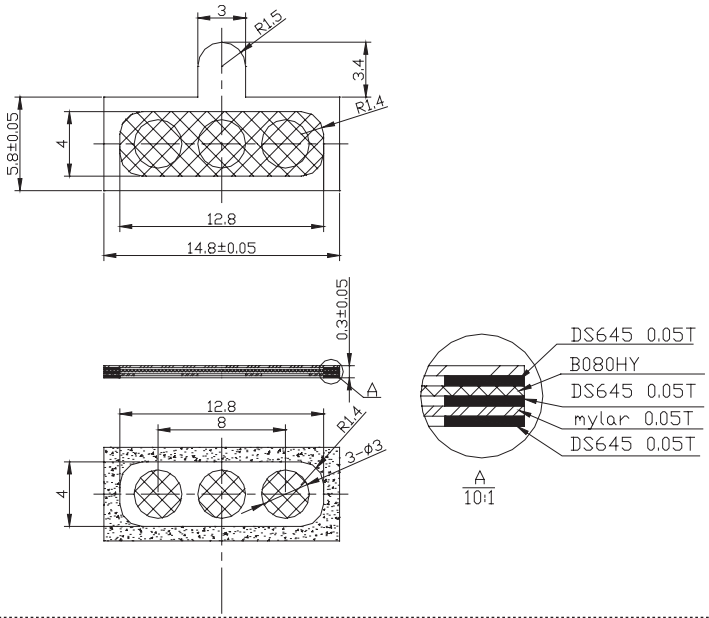
Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.2 mm



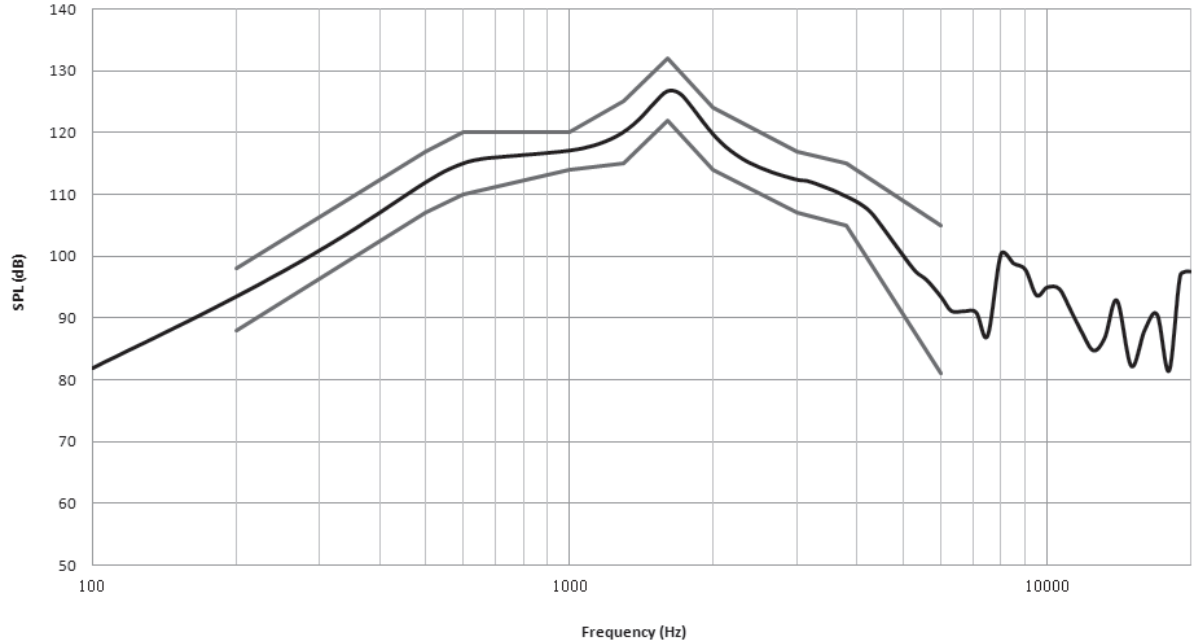
MECHANICAL DRAWING (GASKET)



RESPONSE CURVES

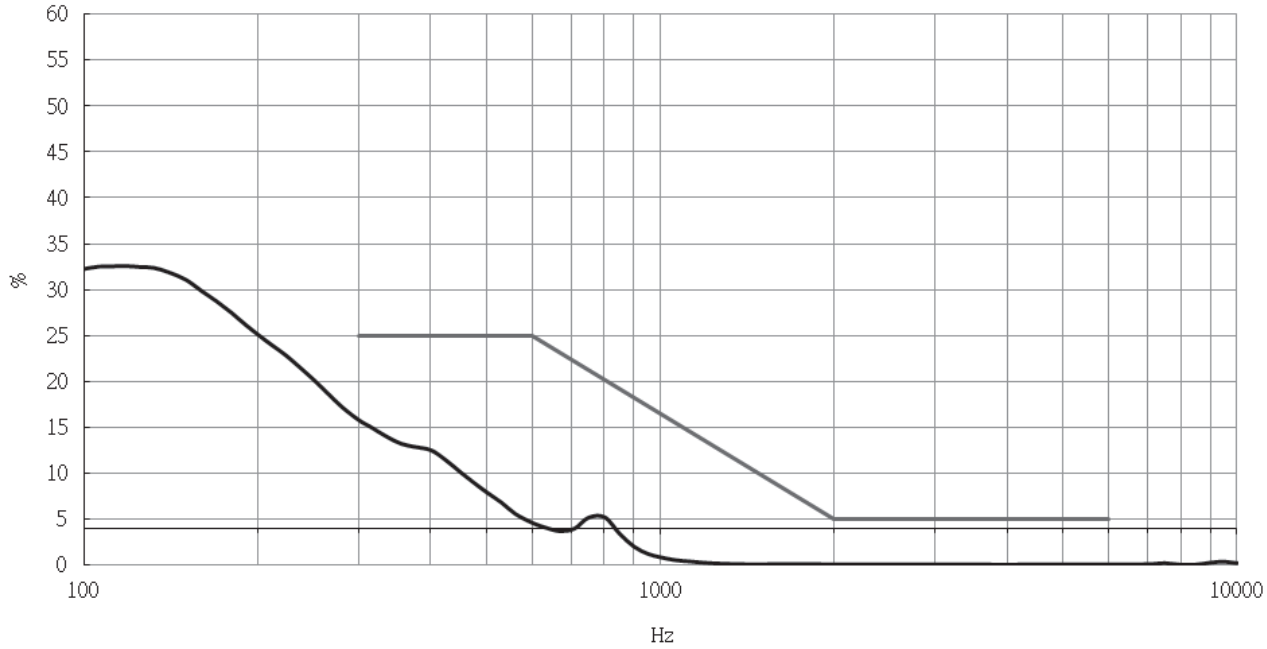
Frequency Response Curve

Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



Total Harmonic Distortion Curve

Test Conditions: 0.8 Vrms / Type 3.2 HL Ear



THIELE-SMALL PARAMETERS

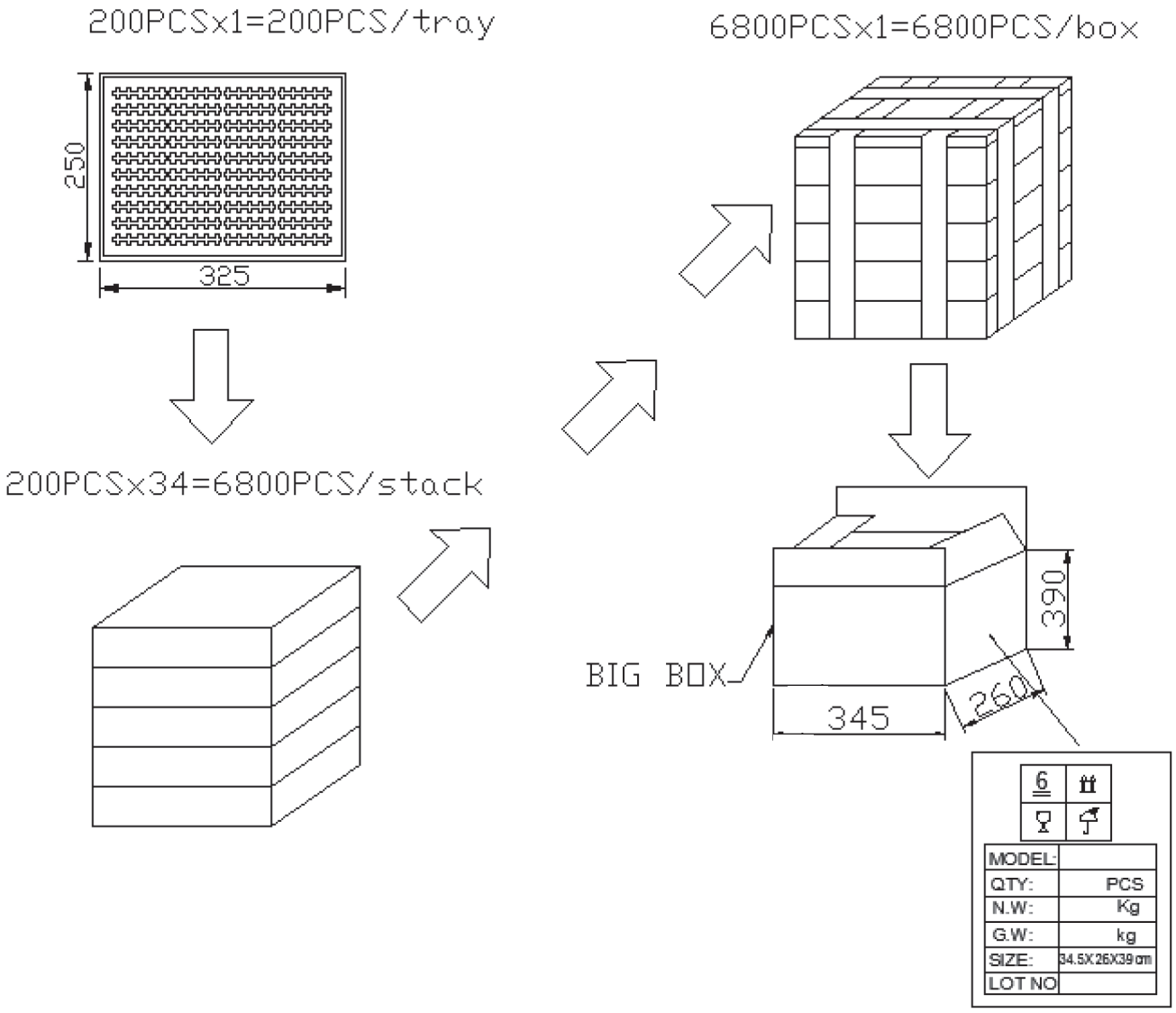
parameter	conditions/description	typ
Mechanical Q Factor	Qms	1.993
Electrical Q Factor	Qes	11.454
Total Q Factor	Qts	1.698
Compliance Equivalent Volume	Vas	0.0011

Notes: 2. Results represent typical performance in Free Air conditions.

PACKAGING

units: mm

Tray QTY: 200 pcs per tray
Carton Size: 345 x 260 x 390 mm
Carton QTY: 6,800 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/24/2018
1.01	brand update	01/23/2020
1.02	logo, datasheet style update	08/05/2022
1.03	updated datasheet	05/20/2024
1.04	CUI Devices rebranded to Same Sky	09/12/2024
1.05	added Thiele-Small Parameters	03/24/2025
1.06	updated IP rating	04/18/2025

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

same sky

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

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