CUI Devices is now Same Sky! Learn More

MODEL: CMR-3466-1050SP | DESCRIPTION: RECEIVER

FEATURES

- for in ear applications
- 50 ohm

RoHS

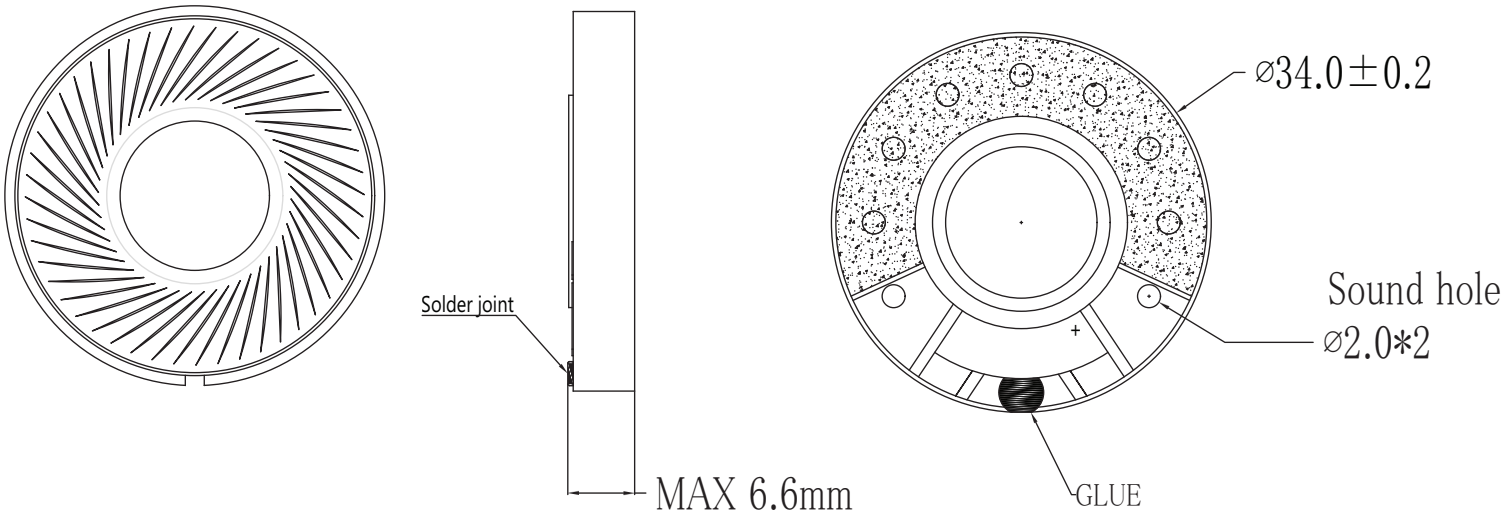
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	sine wave		10	20	mW
impedance		42.5	50.0	57.5	Ω
resonant frequency (Fo)	in free air	80	100	120	Hz
frequency response		50		15,000	Hz
sound pressure level	at 0.224 V, avg at 0.3, 0.5, 0.6, 0.8, 1.0 kHz measured with artificial ear (IEC-318)	124	127	130	dB
distortion	at 50~10,000 Hz, 0.224 V			5	%
buzz, rattle, etc.	must be normal a sine wave between 50~15,000 Hz			0.707	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø34 x 6.6				mm
magnet	Nd-Fe-B				
frame	ABS				
cone material	PEI				
terminal	solder pads				
weight			5.8		g
operating temperature		-20		55	°C
storage temperature		-20		60	°C
hand soldering	for 1~3 seconds	350	380	410	°C
RoHS	yes				

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

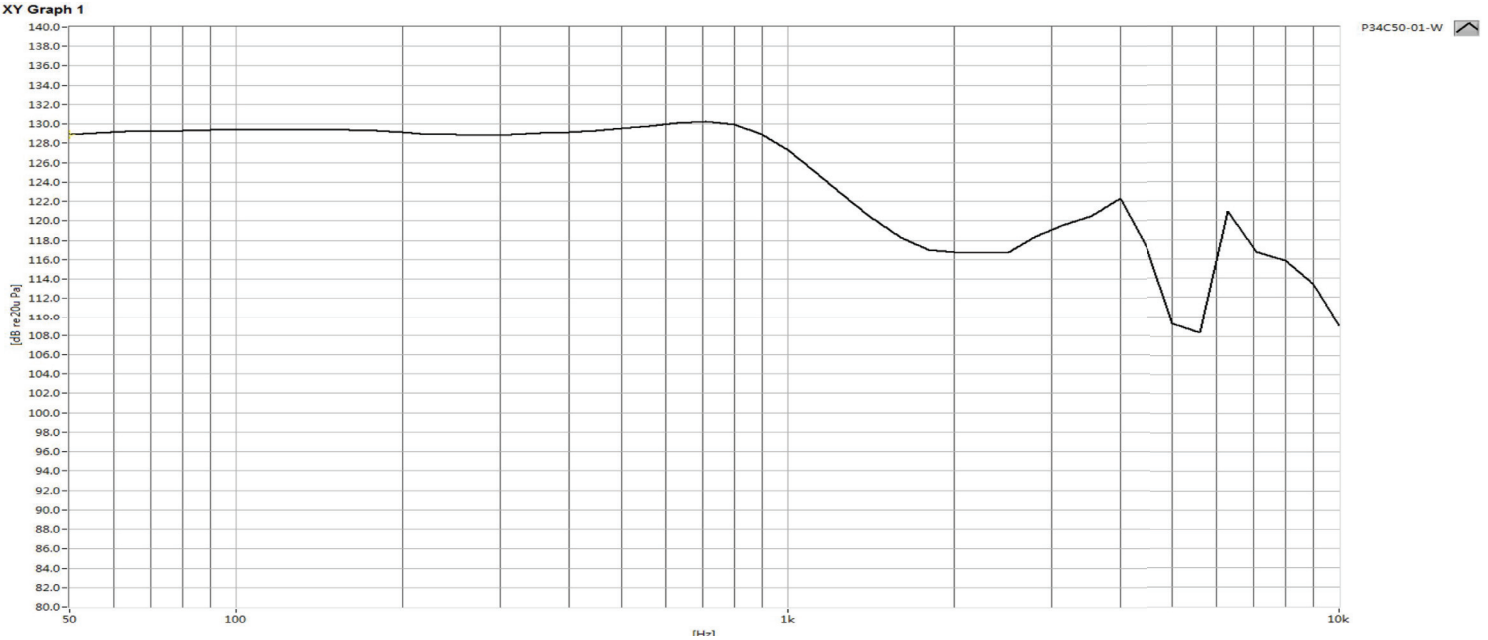
MECHANICAL DRAWING

units: mm
tolerance:
0-8: ±0.05 mm
8-16: ±0.1 mm
unless otherwise specified

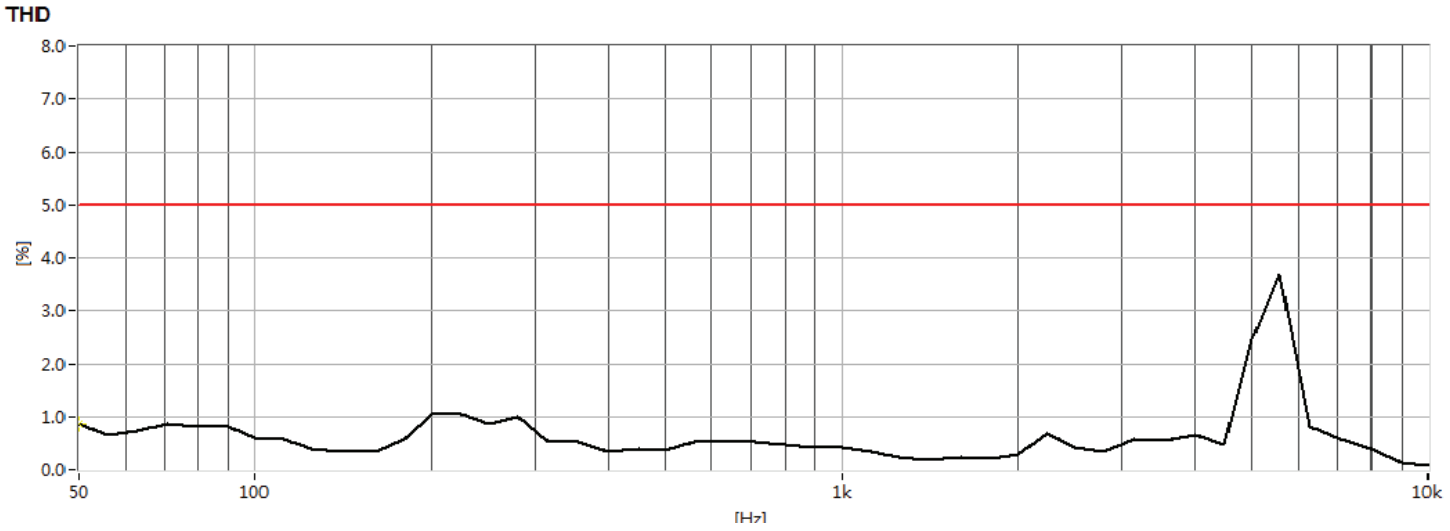


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	08/14/2025

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

same sky

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