

**MODEL:** CMR-3466-1050SP-X7 | **DESCRIPTION:** RECEIVER**FEATURES**

- for in ear applications
- 50 ohm
- waterproof

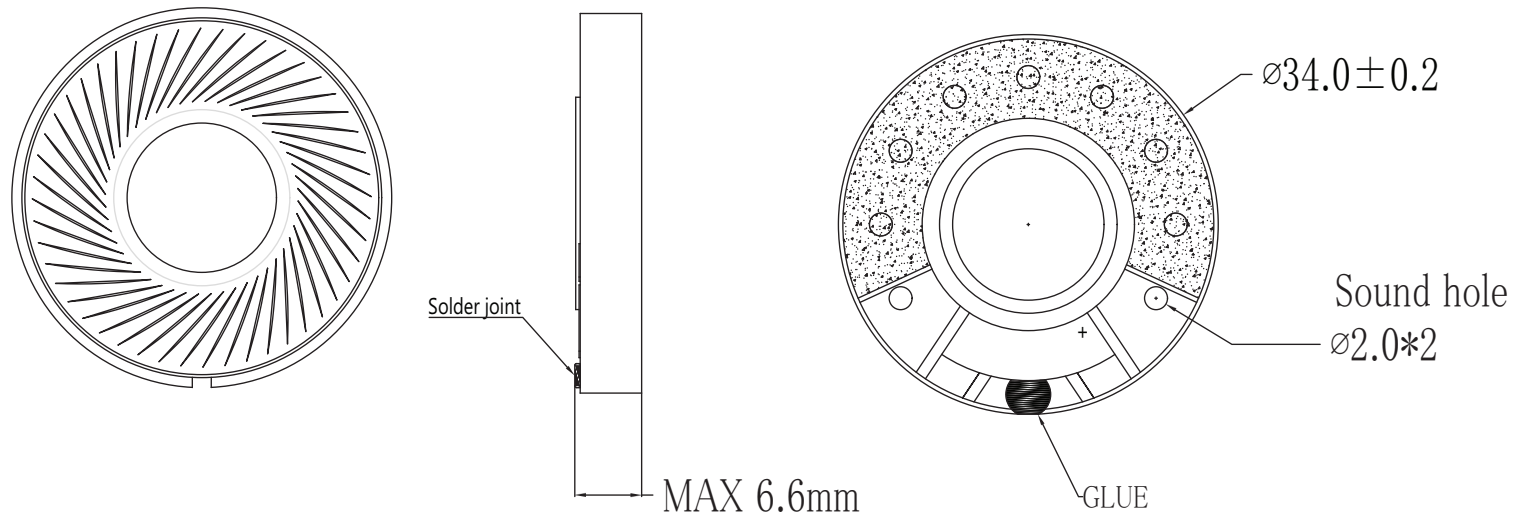
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power	sine wave		10	20	mW
impedance		42.5	50.0	57.5	$\Omega$
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	$\varnothing 34 \times 6.6$				mm
magnet	Nd-Fe-B				
frame	ABS				
cone material	PEI				
terminal	solder pads				
weight			5.8		g
operating temperature		-20		55	$^{\circ}\text{C}$
storage temperature		-20		60	$^{\circ}\text{C}$
hand soldering	for 1~3 seconds	350	380	410	$^{\circ}\text{C}$
RoHS	yes				
IP level	IPX7				

Notes: 1. All specifications measured at 25~35 $^{\circ}\text{C}$ , humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

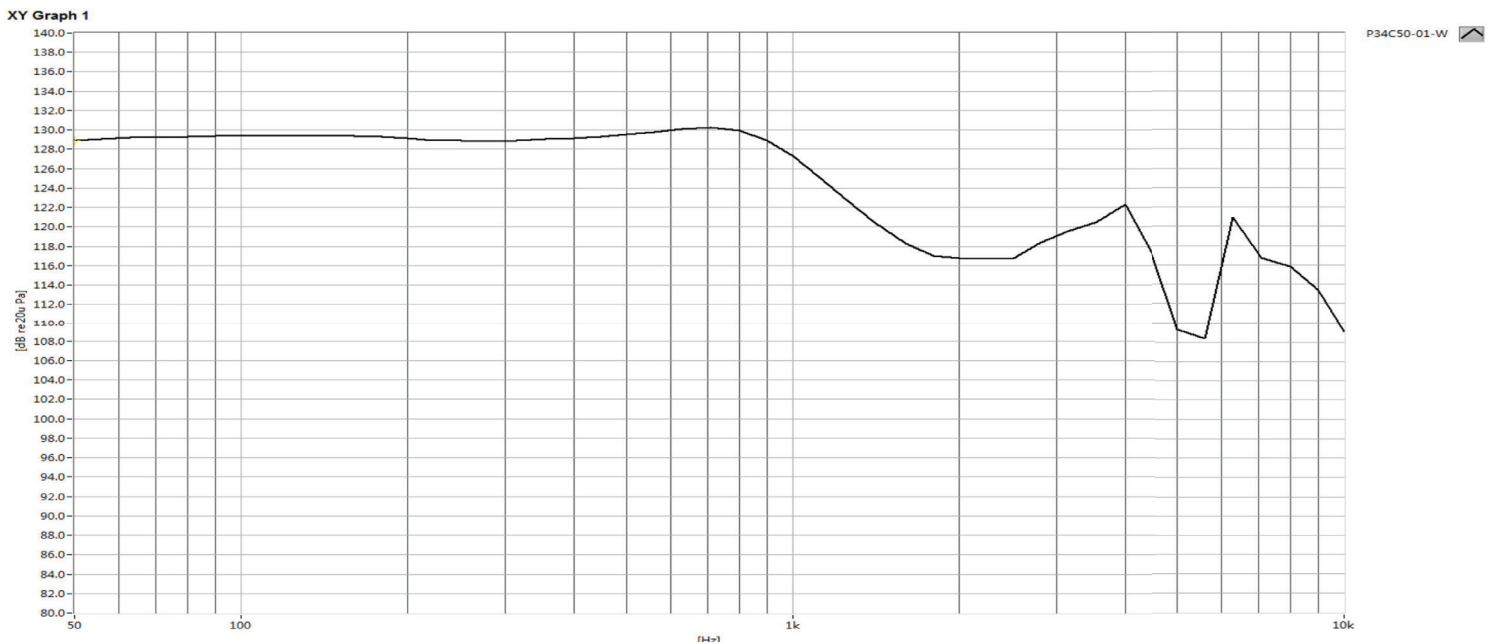
## MECHANICAL DRAWING

units: mm  
tolerance:  
0-8:  $\pm 0.05$  mm  
8-16:  $\pm 0.1$  mm  
unless otherwise specified

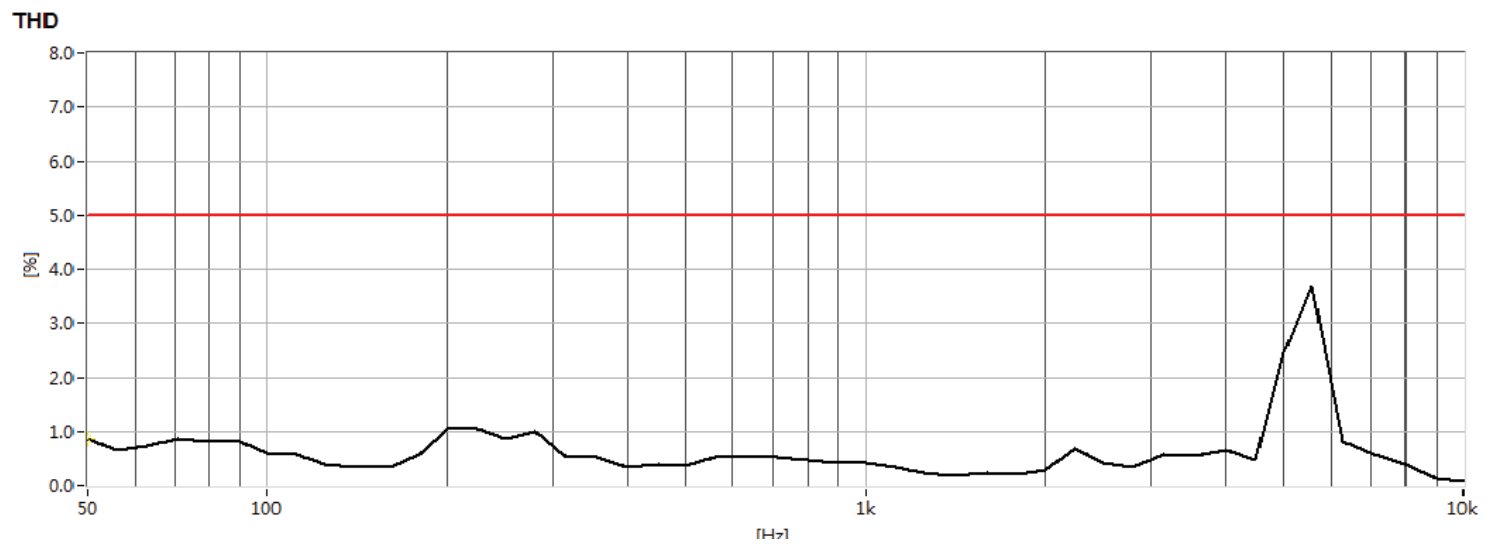


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	08/21/2025

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



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

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