

**MODEL:** CMR-1042-316SP | **DESCRIPTION:** RECEIVER**FEATURES**

- for in ear applications
- 16 ohm

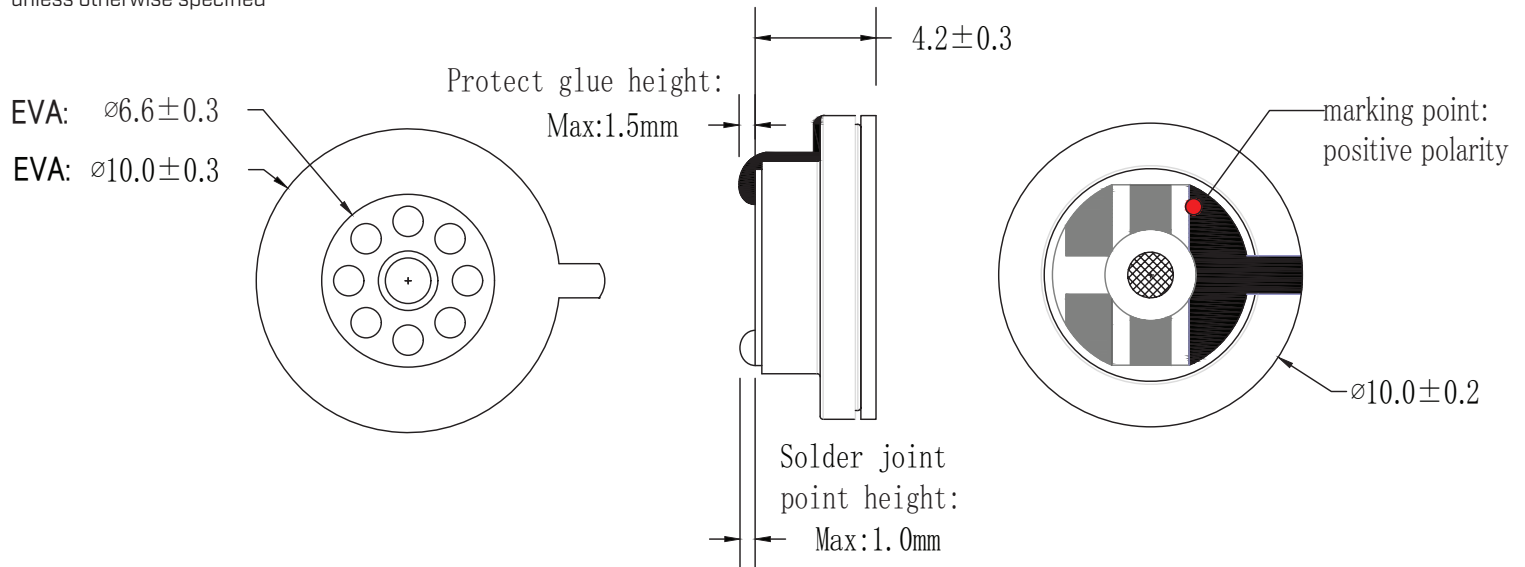
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power	sine wave		3	5	mW
impedance		13.6	16.0	18.4	Ω
resonant frequency (Fo)		104	130	156	Hz
frequency response		20		7,000	Hz
sound pressure level	at 1 kHz, 1 mW measured with artificial ear (IEC-318)	111	113	115	dB
distortion	at 1,000 Hz, 1 mW			3	%
buzz, rattle, etc.	must be normal a sine wave between 100-3,000 Hz			0.126	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	$\varnothing 10 \times 4.2$				mm
magnet	Nd-Fe-B				
frame	SPCC				
cone material	PEEK+PU				
terminal	solder pads				
weight			0.7		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				

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

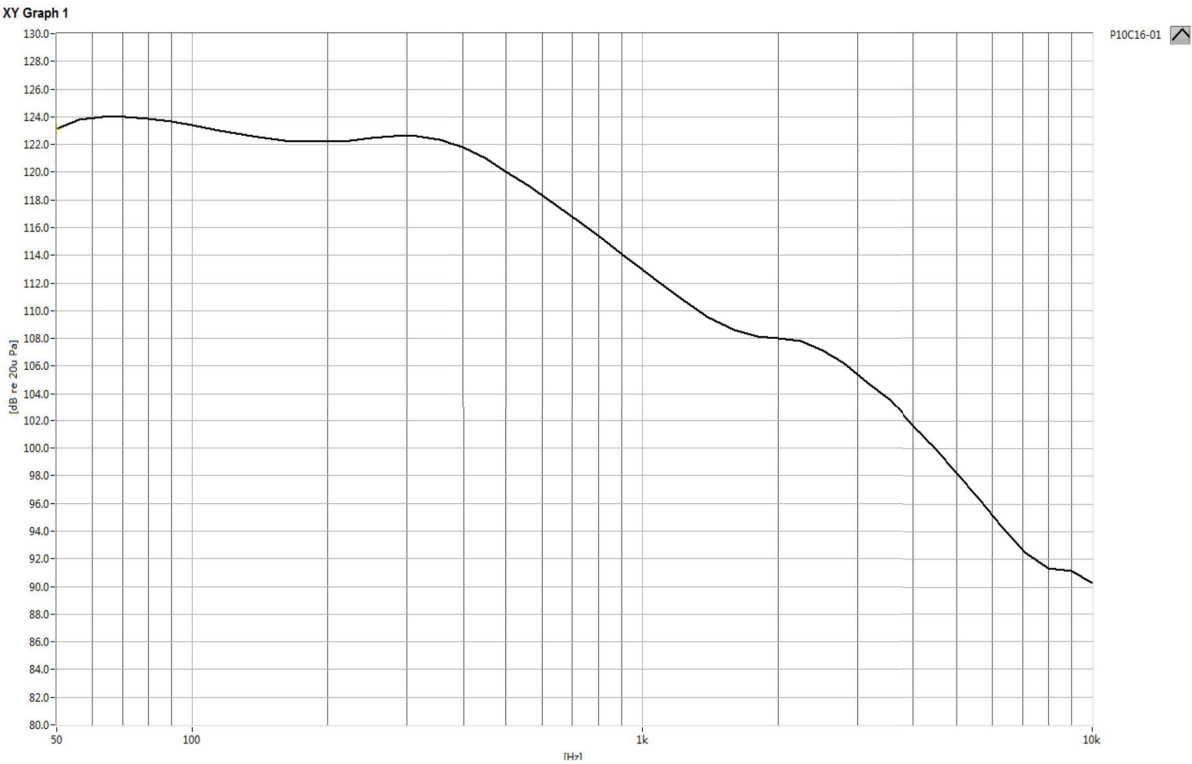
MECHANICAL DRAWING

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

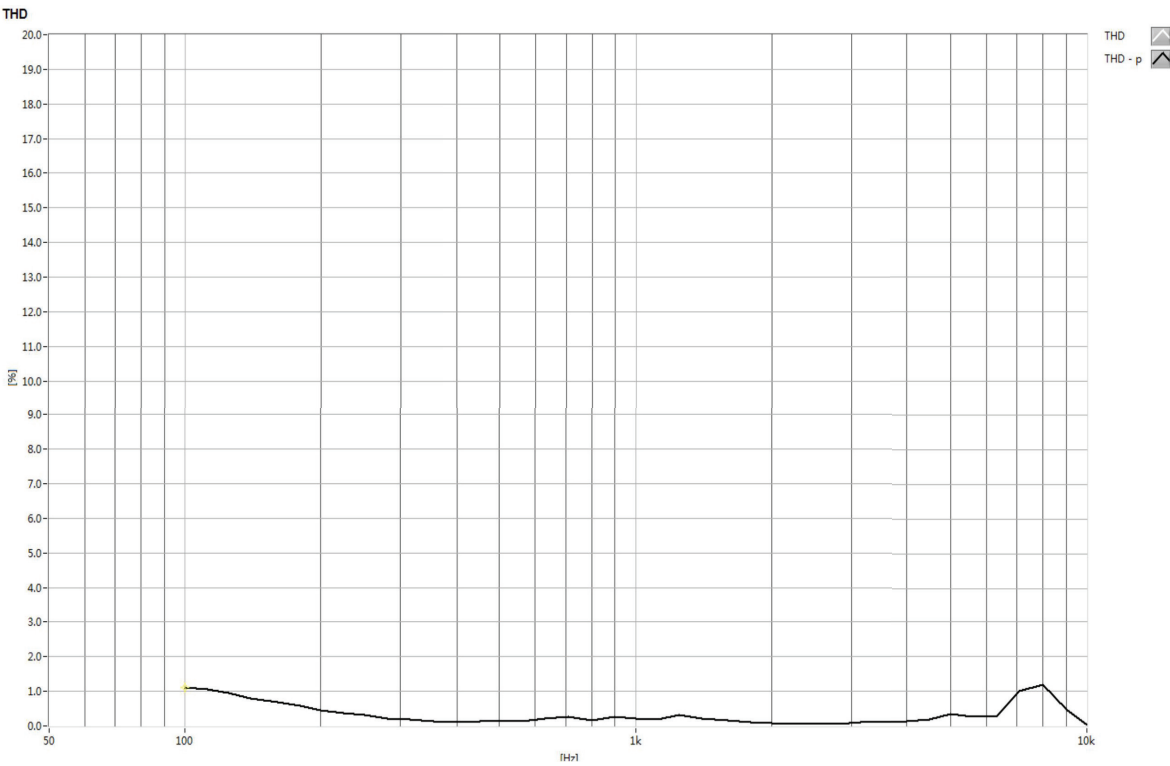


RESPONSE CURVES

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.



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