MODEL: CMS-1545-058L55 | DESCRIPTION: SPEAKER

FEATURES

- 8 ohm
- rated 0.5 W
- lead wire

RoHS

SPECIFICATIONS

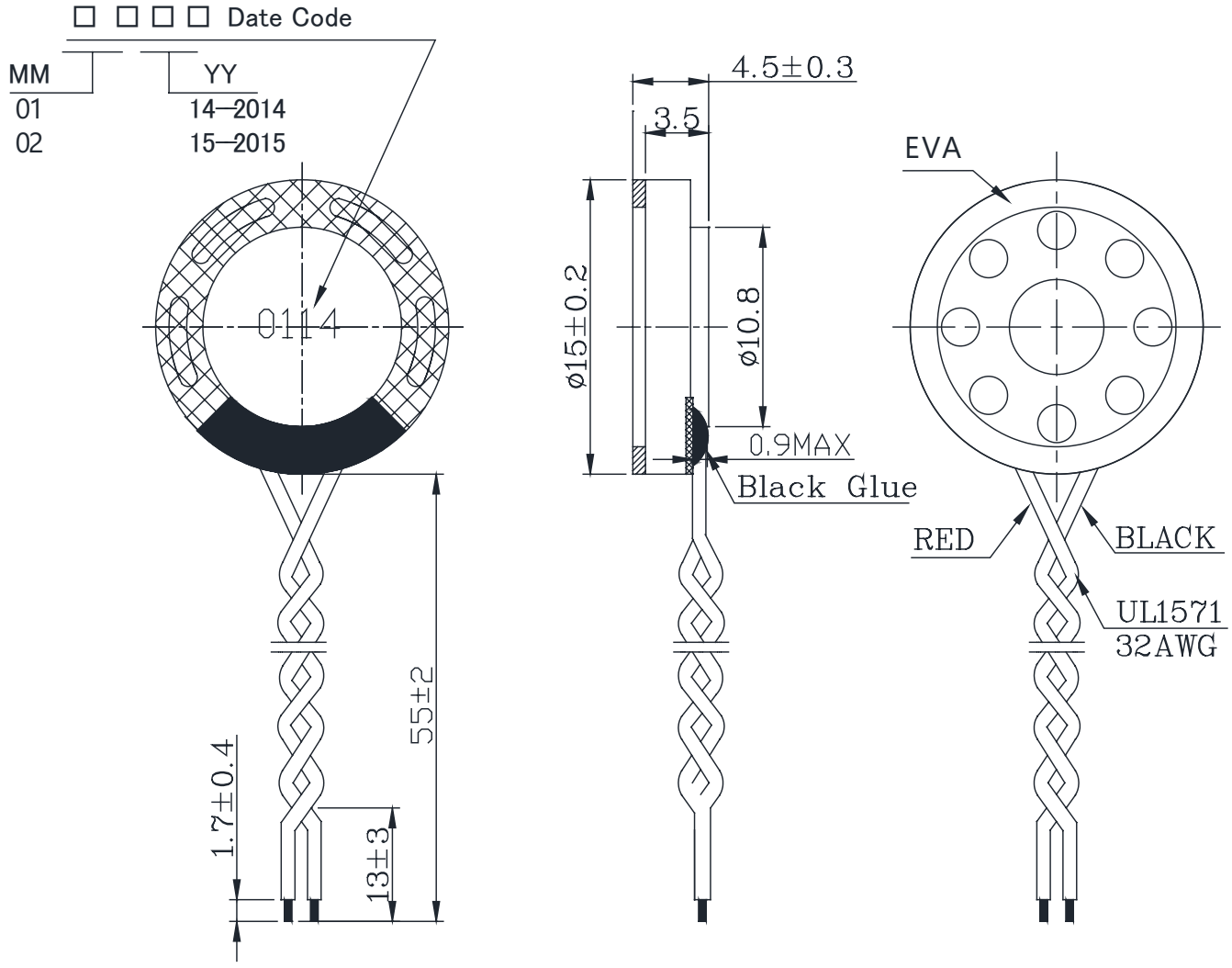
parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5 filter 60s on/120s off 10 cycles (room temp.)		0.5	0.8	W
impedance	DCR at 2.0 kHz, 1.0 V	6.12 6.8	7.20 8.0	8.28 9.2	Ω Ω
resonant frequency (Fo)	at 1.0 V	800	1,000	1,200	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 0.5 W, 10 cm, avg at 0.8, 1.0, 1.5, 2.0 kHz	87	90	93	dB
distortion	at 1.0 kHz, rated power			10	%
buzz, rattle, etc.	must be normal at sine wave, from Fo to 20 kHz			2.0	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø15.0 x 4.5				mm
magnet	Nd-Fe-B				
frame material	PBT				
cone material	PEN				
terminal	wire leads				
weight			1.4		g
operating temperature		-20		55	°C
storage temperature		-30		70	°C
hand soldering	for 1~3 seconds	360	370	380	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

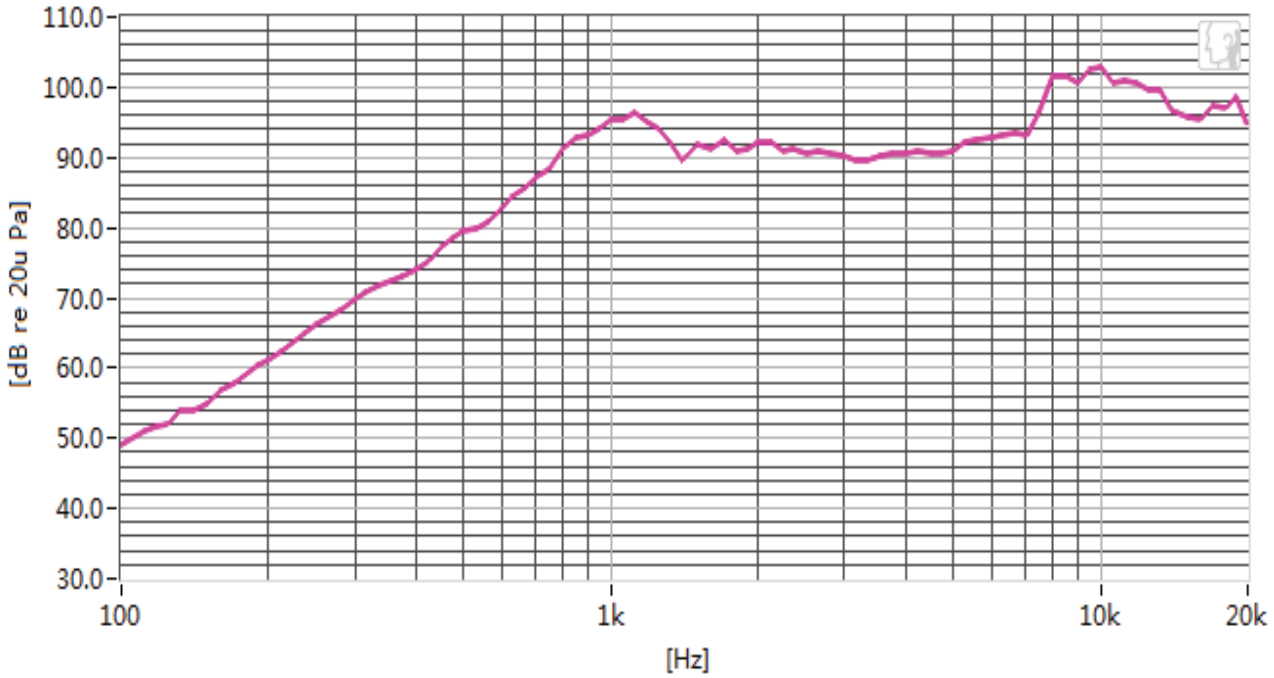
wire: UL1571 32 AWG



RESPONSE CURVES

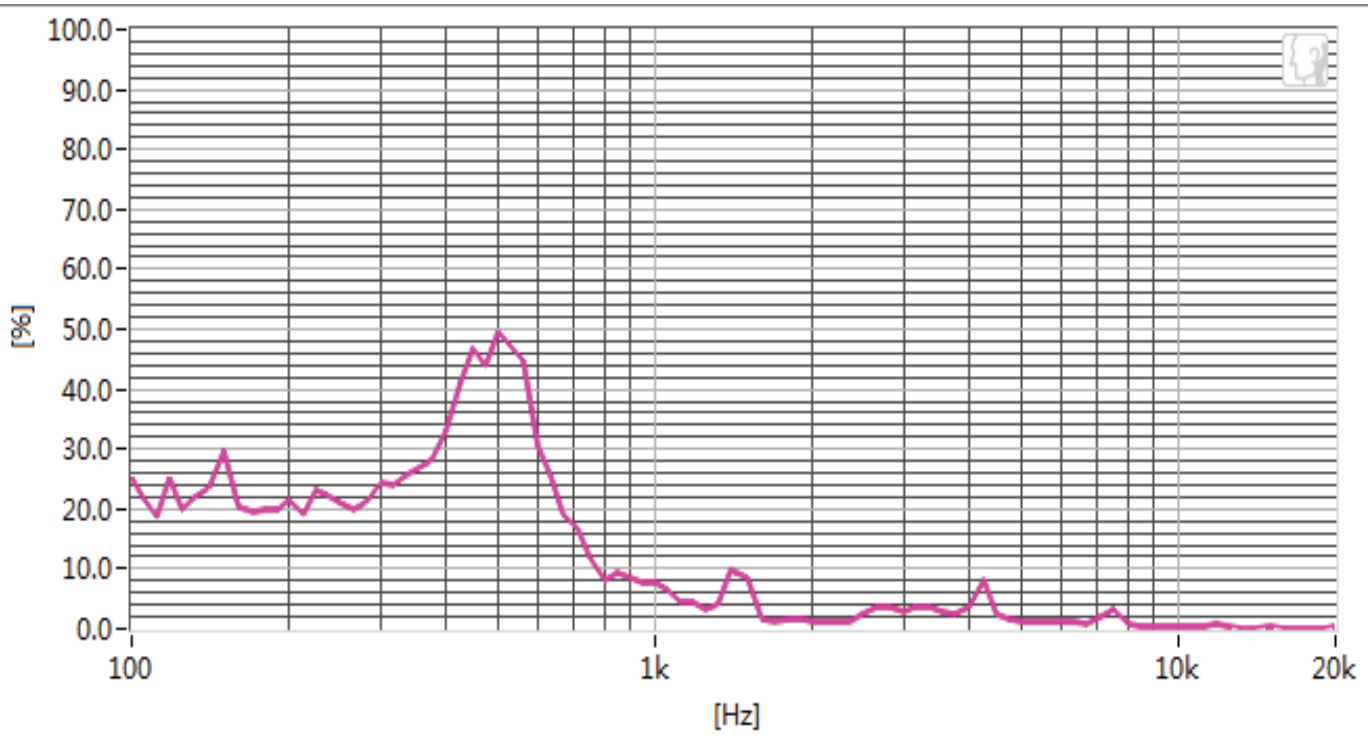
Frequency Response Curve

Test Conditions: 0.5 W/0.1 m



Total Harmonic Distortion Curve

Test Conditions: 0.5 W/0.1 m



REVISION HISTORY

rev.	description	date
1.0	initial release	06/14/2024

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