



**THE DATASHEET OF
CES-361810-18PM**



MODEL: CES-361810-18PM | **DESCRIPTION:** SPEAKER**FEATURES**

- 1 W rated power
- 8 ohm rated impedance
- panel mount

**SPECIFICATIONS**

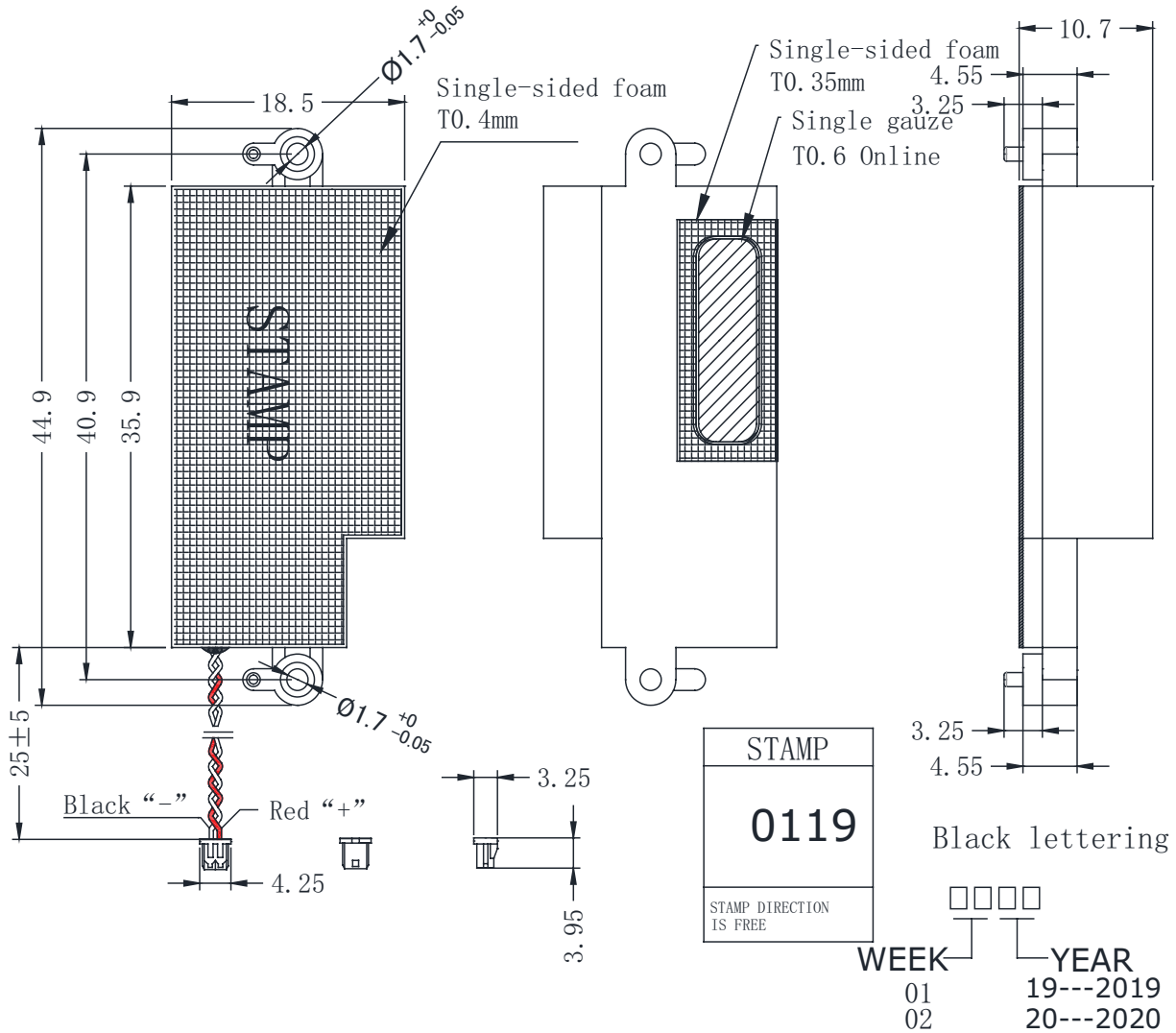
parameter	conditions/description	min	typ	max	units
input power	max power: IEC-60268-5, filter 60 seconds on, 120 seconds off, 10 cycles (room temp)		1.0	1.2	W
impedance	at 2.0 kHz	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	800	1,000	1,200	Hz
frequency response		Fo		10,000	Hz
sound pressure level	at 1.0 W, 10 cm, avg at 2.0 kHz	87.5	90.5	93.5	dB
distortion	at 1.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			2.83	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	35.9 x 18.5 x 10.7				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	PEEK				
terminal	wire leads with connector				
weight			4.1		g
operating temperature		-30		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

Notes: 1. All specifications measured at 25-75, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

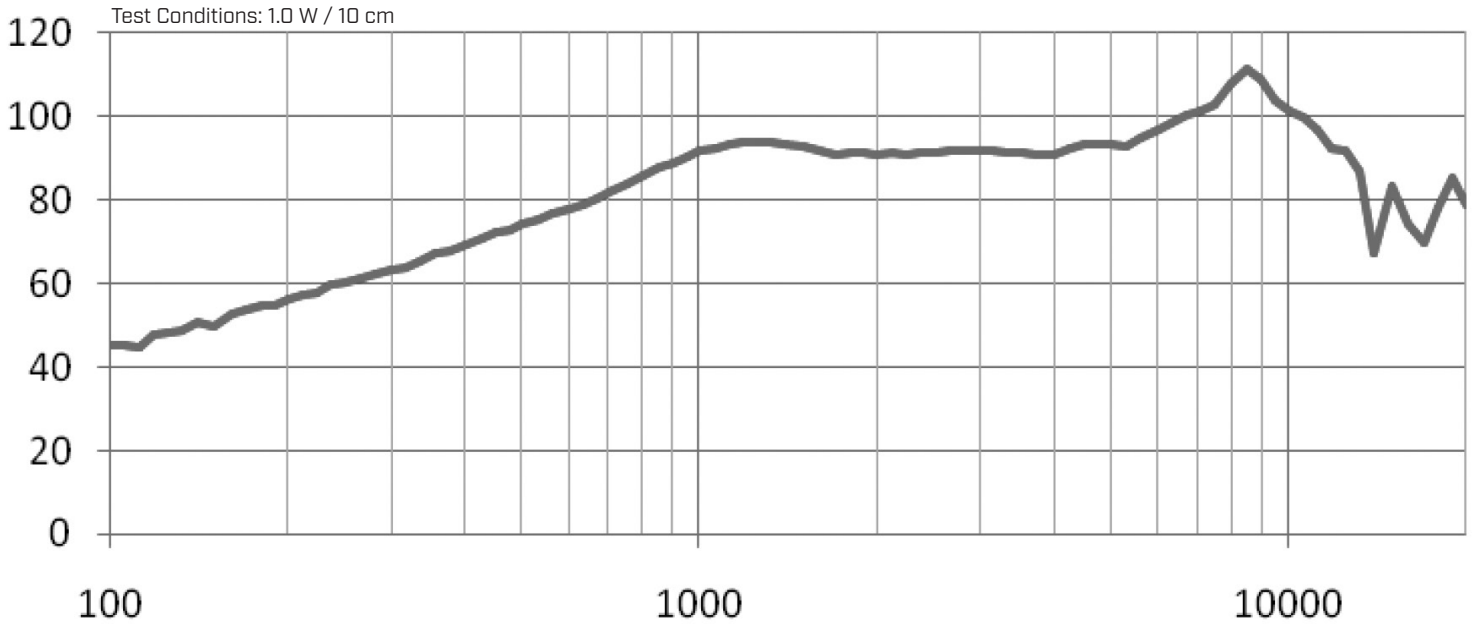
units: mm
tolerance: ±0.5 mm

wire: UL1571 30 AWG
internal speaker: CMS-18132-18SP
connector: Molex 51021-0200 or equivalent; P=1.25

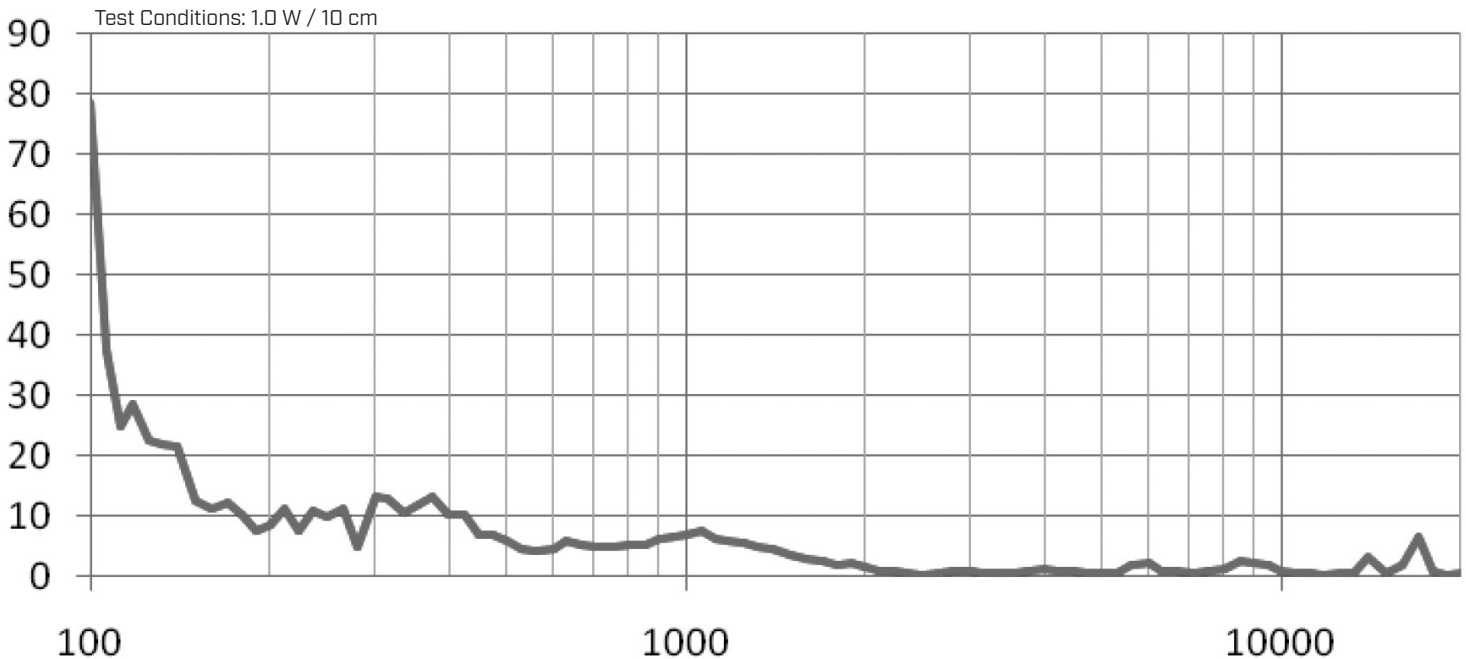


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve

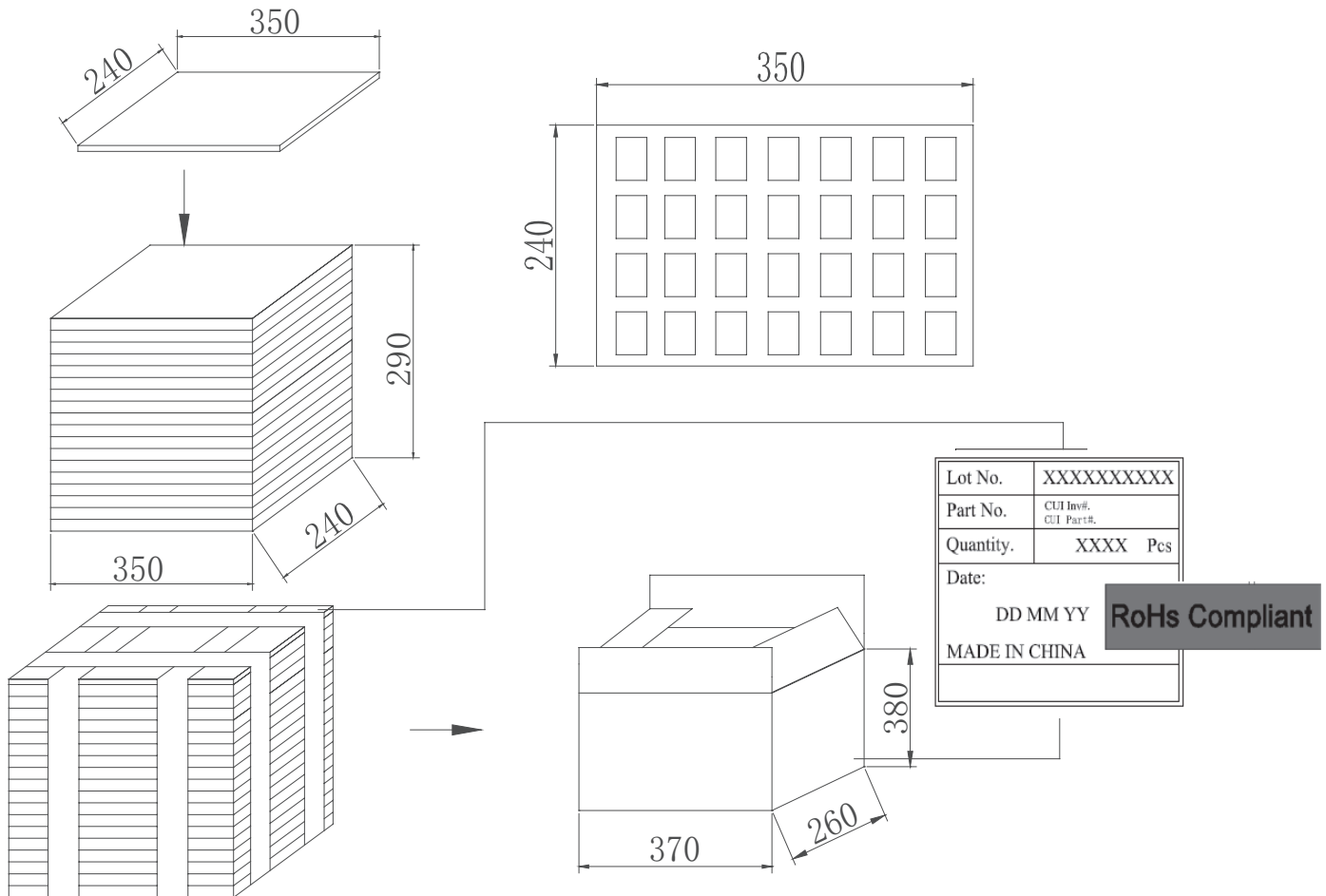


PACKAGING

units: mm

Tray Size: 350 x 240 x 16 mm
 Tray QTY: 28 pcs per tray
 Carton Size: 370 x 260 x 380 mm
 Carton QTY: 504 pcs per carton

TRAY 28PCS



REVISION HISTORY

rev.	description	date
1.0	initial release	06/08/2020
1.01	logo, datasheet style update	08/05/2022

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



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