CUI DEVICES

MODEL: CMS-3150-26SP | **DESCRIPTION:** SPEAKER

FEATURES

- 6 ohm rated impedance
- 2.0 W rated power
- 310 Hz resonance frequency



RoHS

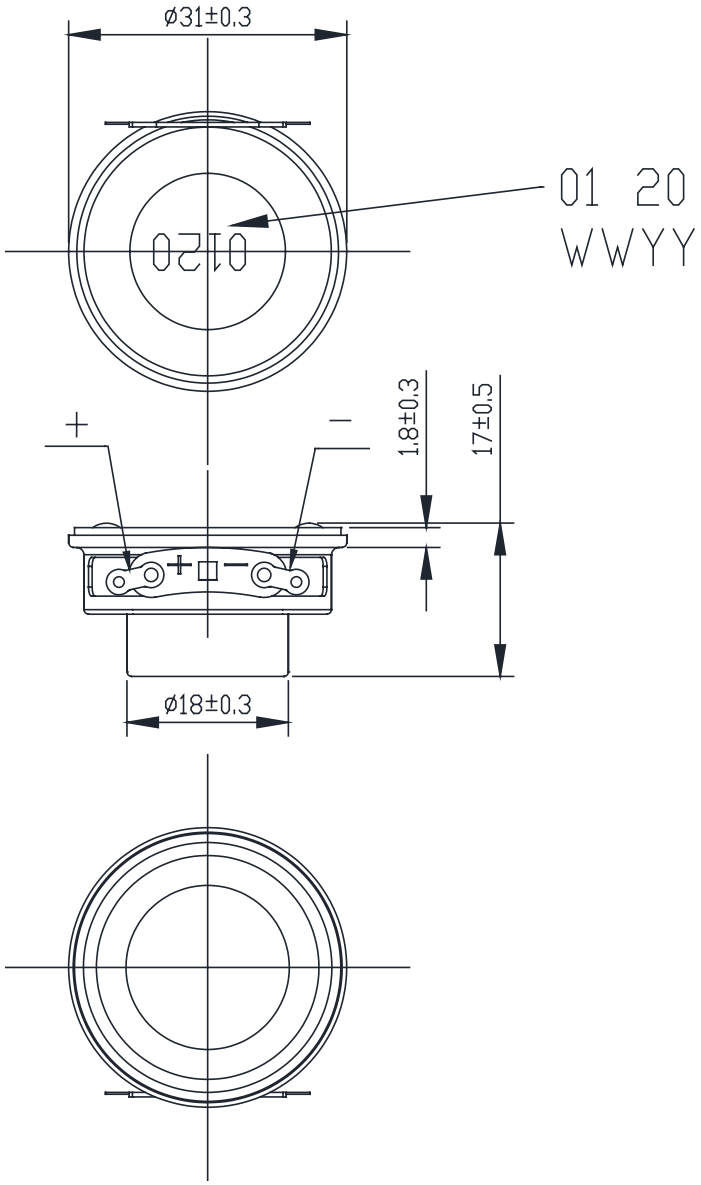
SPECIFICATIONS

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)		2.0	2.5	W
impedance	at 2.0 kHz, 1.0 Vrms	5.1	6	6.9	Ω
resonant frequency (Fo)	at 2.0 V	248	310	372	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 2.0 W, 10 cm, avg at 0.6, 0.8, 1.0, 1.2 kHz	94	97	100	dB
distortion	at 1.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, Fo~20 kHz			3.46	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø31.0 x 17				mm
magnet	Nd-Fe-B				
frame material	iron				
cone material	PU+AL				
terminal	solder eyelets				
weight			14.9		g
operating temperature		-30		70	°C
storage temperature		-40		85	°C
hand soldering	for maximum 3 seconds	370	380	390	°C
RoHS	yes				

Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

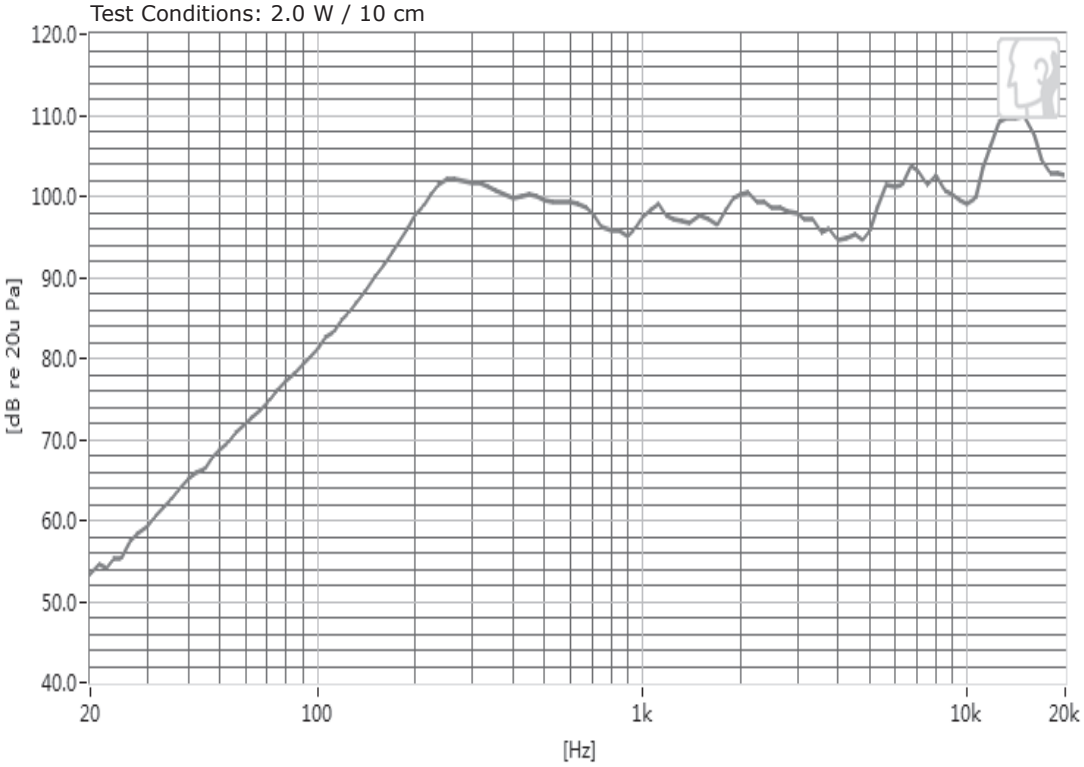
units: mm
tolerance: ±0.5 mm



RESPONSE CURVES

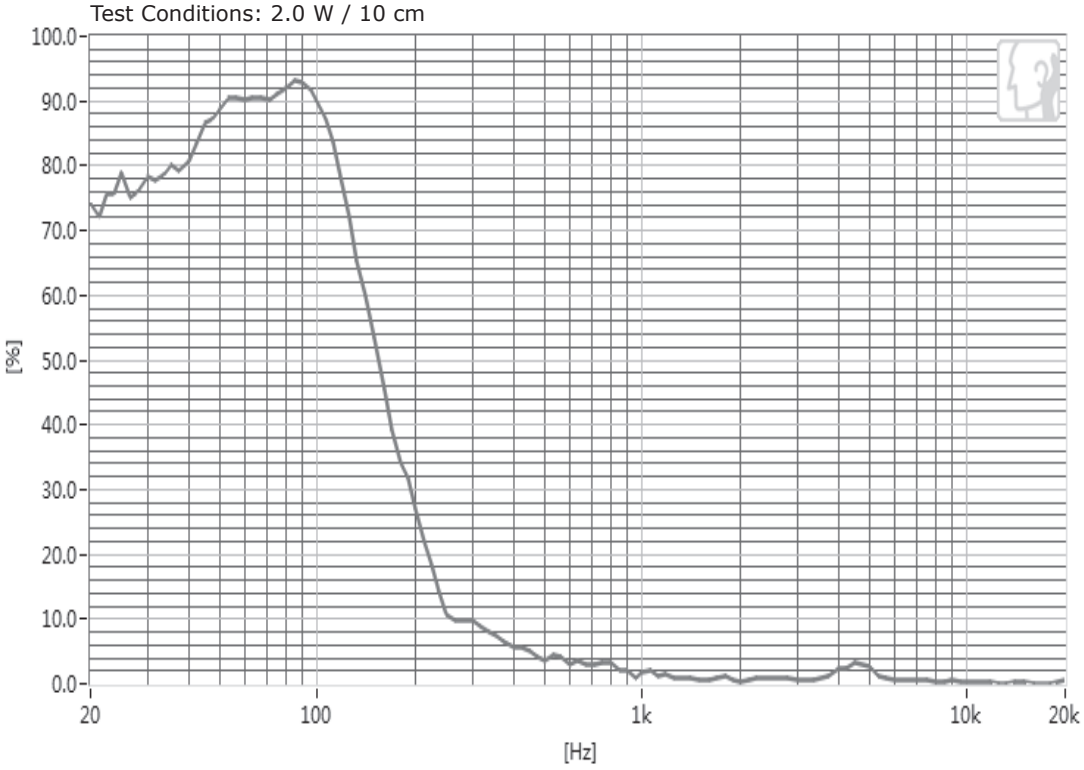
Frequency Response Curve

Test Conditions: 2.0 W / 10 cm



Total Harmonic Distortion Curve

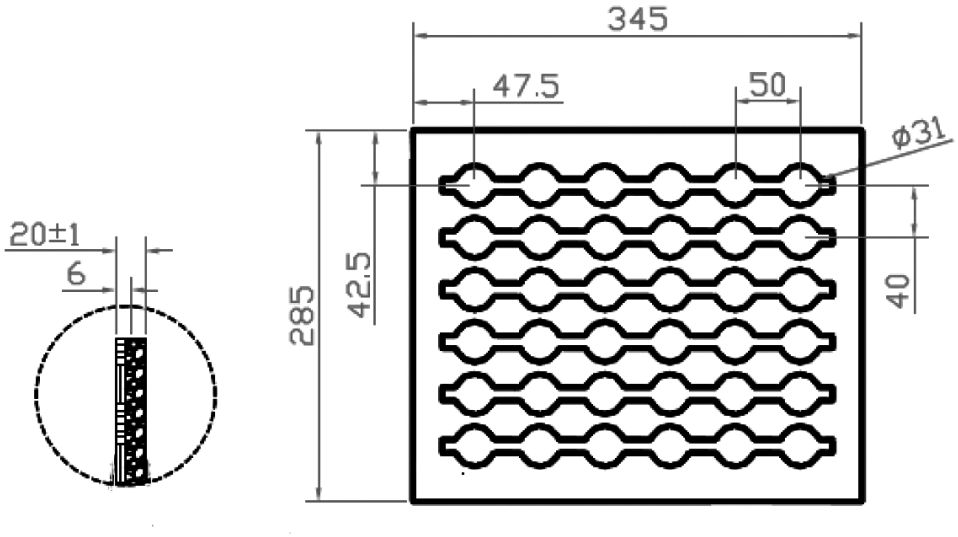
Test Conditions: 2.0 W / 10 cm

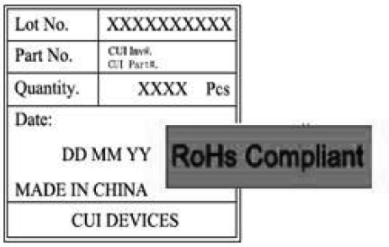


PACKAGING

units: mm

Tray Size: 345 x 285 x 26 mm
Tray QTY: 36 pcs per tray
Carton Size: 360 x 300 x 285 mm
Carton QTY: 360 pcs per carton





REVISION HISTORY

rev.	description	date
1.0	initial release	06/08/2020
1.01	added date code marking	01/05/2021

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

CUI DEVICES

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

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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