

Additional Resources: Product Page

date 09/11/2024

page 1 of 4

### MODEL: CMS-2854-158SP | DESCRIPTION: SPEAKER

#### **FEATURES**

- 8 ohm
- rated 1.5 W
- solder pads





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
input power			1.5	2.0	W
impedance		6.8	8	9.2	Ω
resonant frequency (Fo)		400	500	600	Hz
frequency response		300		20,000	Hz
sound pressure level	at 1.0 W, 50 cm, avg 0.8, 1.0, 1.2, 1.5 kHz	80	83	86	dB
distortion	at 1.0 kHz, 1.0 W, 50 cm			5	%
buzz, rattle, etc.	must be normal at sine wave, frequency range			3.46	V
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	Ø28 x 5.4				mm
magnet	Nd-Fe-B				
frame material	ABS + 15% GF				
cone material	PEI				
terminal	solder pads				
weight			5.1		g
operating temperature		-20		55	°C
storage temperature		-25		60	°C
hand soldering	for maximum 2 seconds	360		380	°C
RoHS	yes				

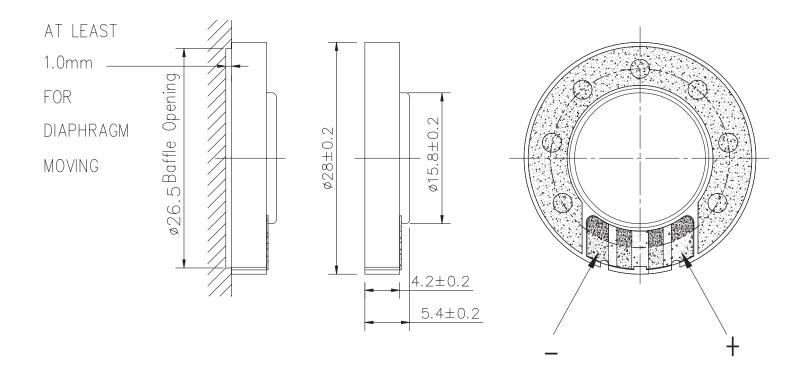
Notes:

1. All specifications measured at 15~35°C, humidity at 25~75%, unless otherwise noted.

## **MECHANICAL DRAWING**

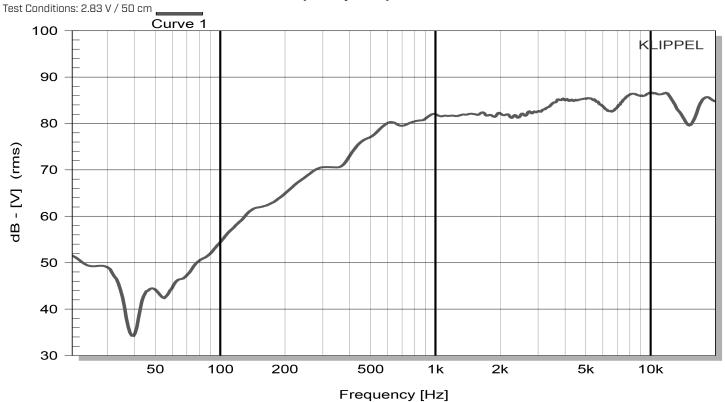
units: mm tolerance: ±0.2 mm

# MOUNTING NOTICE



# **RESPONSE CURVES**

### **Frequency Response Curve**



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SAME SKY | MODEL: CMS-2854-158SP | DESCRIPTION: SPEAKER

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	06/27/2023
1.01	CUI Devices rebranded to Same Sky	09/11/2024

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.

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

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