

MODEL: CEP-1172 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- feedback pin
- 12 Vdc rating
- 3.3 kHz rated frequency



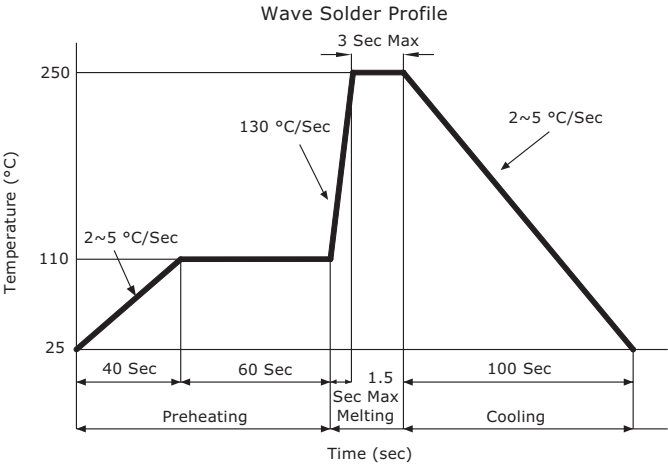
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		3		28	Vdc
current consumption	at rated voltage			7	mA
rated frequency		2,800	3,300	3,800	Hz
sound pressure level	at 30 cm, rated voltage	81			dB
dimensions	Ø31.4 x 16.0				mm
weight				6.7	g
material	ABS UL94 1/16" HB High Heat (black)				
terminal	solder pins				
operating temperature		-30		85	°C
storage temperature		-40		95	°C
RoHS	yes				

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

SOLDERABILITY

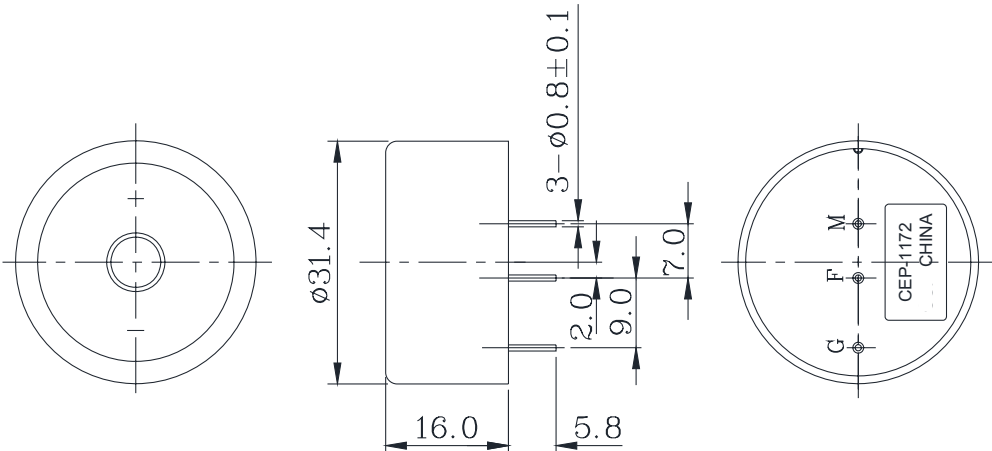
parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			250	°C



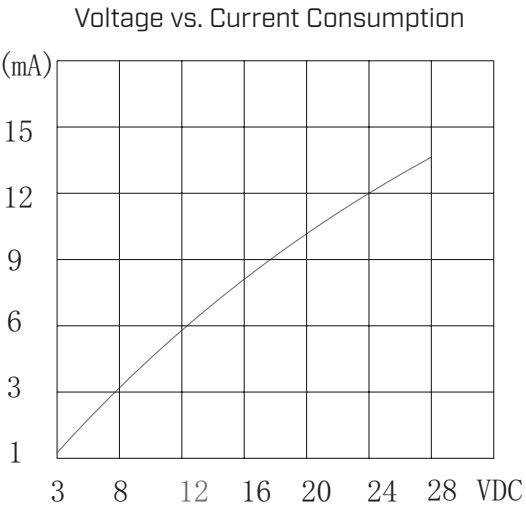
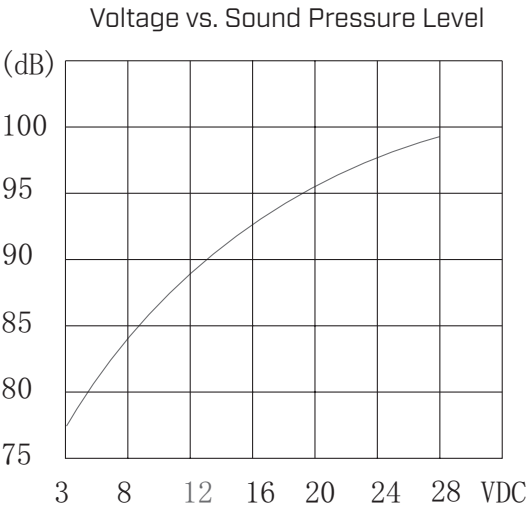
MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

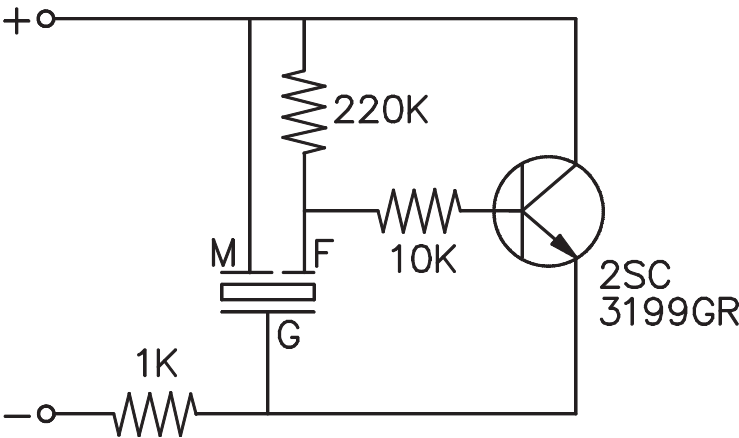
PIN CONNECTIONS	
Pin	Function
M	+terminal
G	-terminal
F	feedback



PERFORMANCE CURVES



DRIVING CIRCUIT



Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/25/2007
1.01	brand update	05/06/2020
1.02	logo, datasheet style update	08/05/2022
1.03	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.

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Same Sky 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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