CUI DEVICES

MODEL: CEP-1172 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

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

RoHS

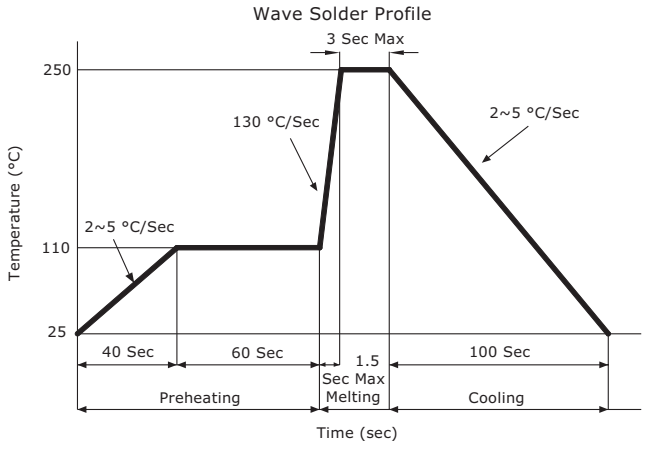
SPECIFICATIONS

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

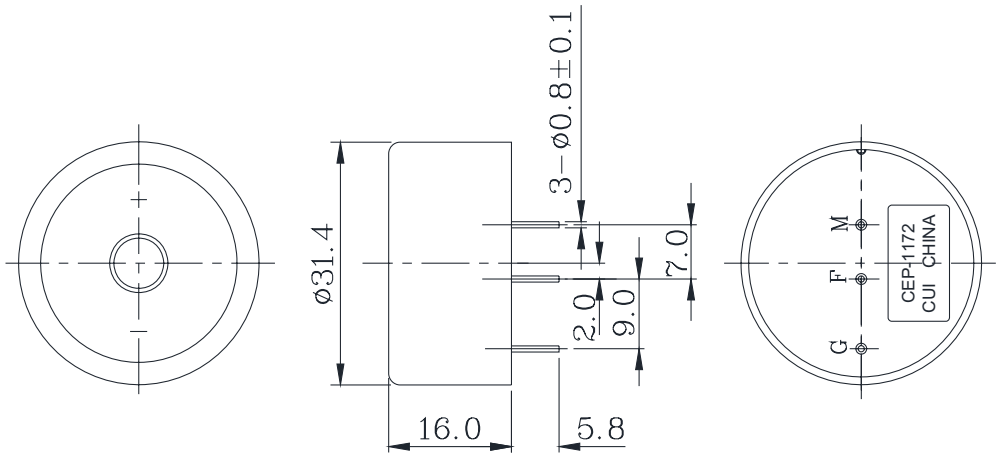
parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			250	°C



MECHANICAL DRAWING

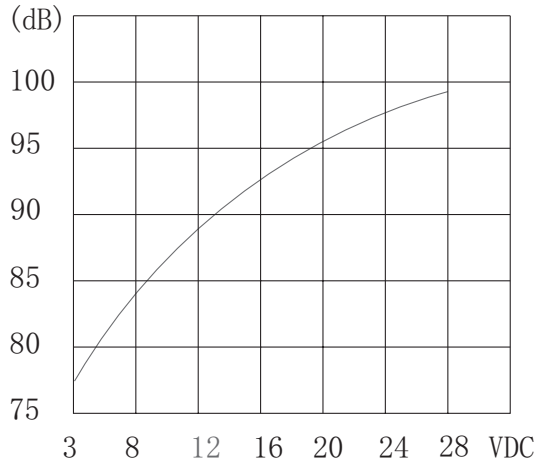
units: mm
tolerance: ±0.5 mm

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

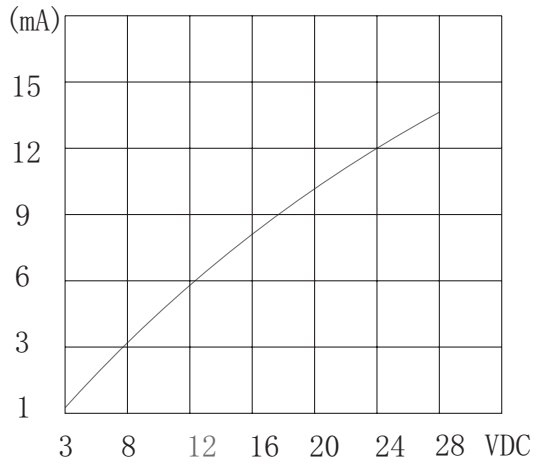


PERFORMANCE CURVES

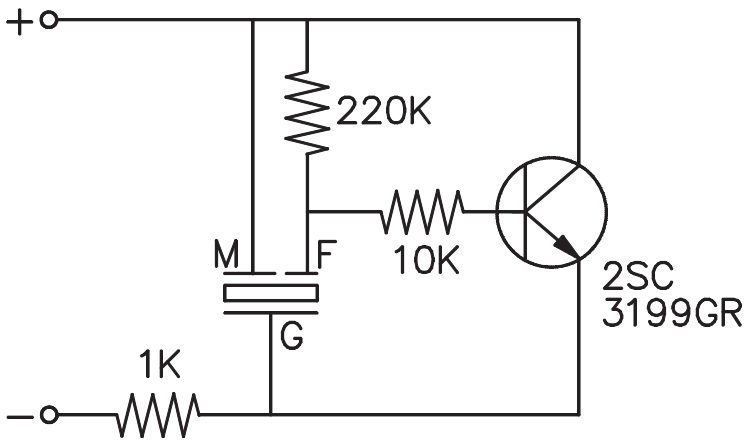
Voltage vs. Sound Pressure Level



Voltage vs. Current Consumption



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

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