CUDEVICES

MODEL: CEP-1123 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- 12 Vdc rating
- feedback pin
- through hole mount



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		2,700	3,200	3,700	Hz
sound pressure level	at 30 cm, rated voltage	74			dB
dimensions	Ø23.5 x 10.0				mm
weight				3.0	g
material	ABS UL94 1/16" HB High Heat (black)				
terminal	pin type (Sn plating)				
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.

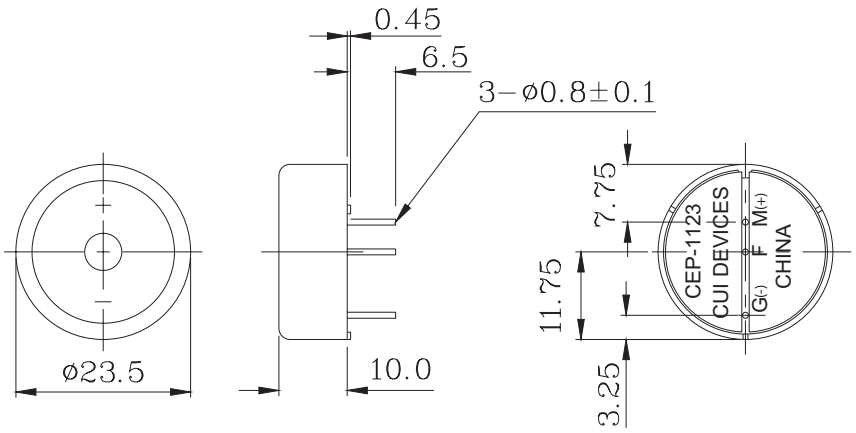
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering[2]	for maximum 2 seconds	330		380	°C

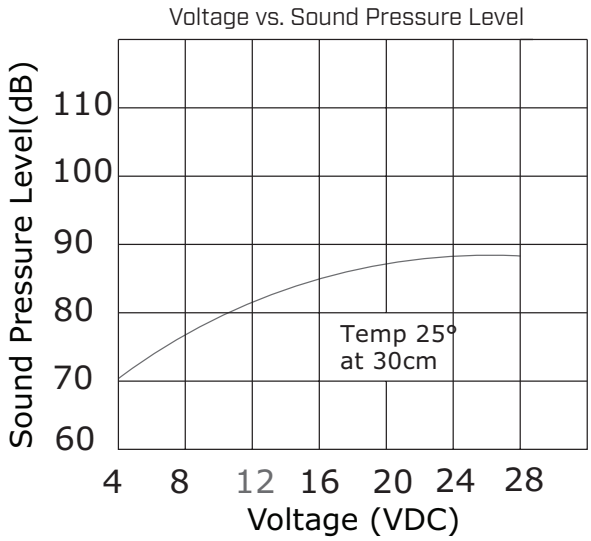
Notes: 2. Not recommended for wave soldering.

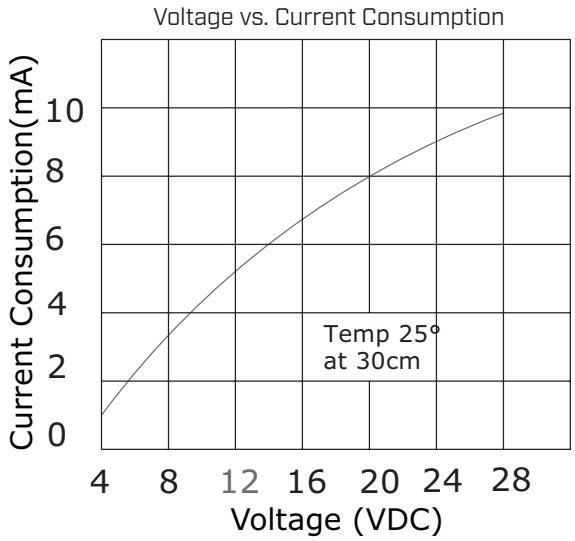
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

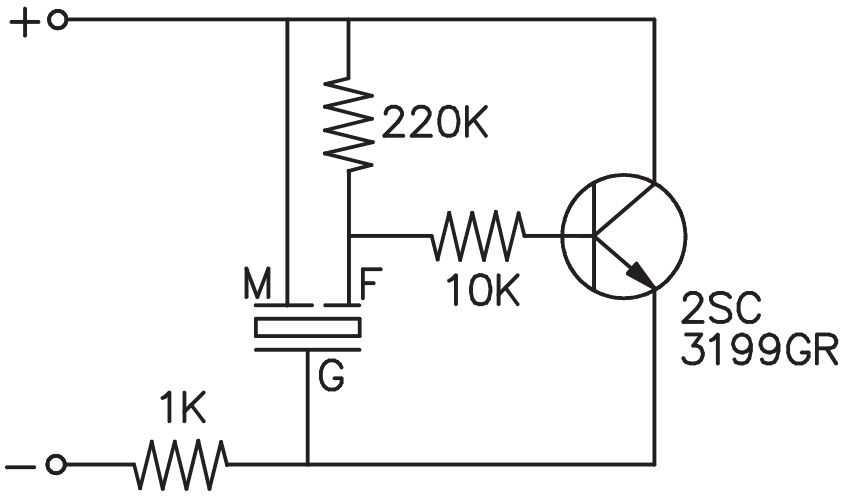


PERFORMANCE CURVES





DRIVING CIRCUIT



Notes: 3. The current consumption and the sound pressure level are measured by using the recommend driving circuit shown above.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/06/2005
1.01	updated datasheet	08/01/2009
1.02	brand update	03/19/2020
1.03	logo, datasheet style update	08/05/2022

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

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

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