

# MODEL: CPE-502 | DESCRIPTION: PIEZO BUZZER TRANSDUCER

#### FEATURES

- piezo transducer
- right-angle mount
- wide operating temperature





# **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
operating voltage				30	Vp-p
current consumption	at 10Vp-p, 3,300 Hz square wave			10	mA
rated frequency			3,300		Hz
sound pressure level	at 10 cm, 10Vp-p, 3,300 Hz square wave	93			dB
electrostatic capacity	at 1 KHz/1 V	11,900	17,000	22,100	pF
dimensions	25.0 x 24.0 x 10.0				mm
weight				3.7	g
material	PC+10% glass (black)				
terminal	pin type (Au plating)				
operating temperature		-30		115	°C
storage temperature		-40		125	°C
RoHS	2011/65/EU				

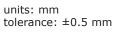
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106kPa pressure, unless otherwise noted.

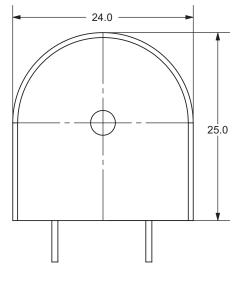
### **SOLDERABILITY**

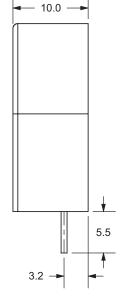
parameter	conditions/description	min	typ	max	units
wave soldering	see wave solder profile	255	260	265	°C
	4°C/Sec max	ering Pot:260±5°C			

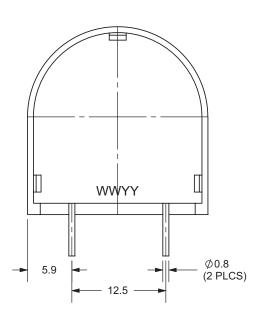
## **MECHANICAL DRAWING**

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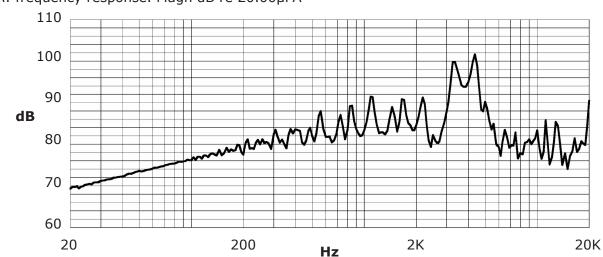








# **FREQUENCY RESPONSE CURVE**



A: frequency response. Magn dB re 20.00µPA

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	11/12/2007
1.01	applied new spec template	05/13/2015

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



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Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 800.275.4899

Fax 503.612.2383 **cui**.com techsupport@cui.com

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

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