


MODEL: CPE-4485 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- piezo indicator with pin mount
- 12 Vdc rating
- 3,300 Hz rated frequency


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage	continuous			85	Vp-p
				50	Vp-p
	intermittent			100	Vp-p
				60	Vp-p
current consumption	at 12 Vpp		14	16	mA
rated frequency		2,200	3,000	4,000	Hz
sound pressure level	at 30 cm, 12Vp-p, 3,000 Hz sine wave	100			dB
electrostatic capacity	at 120 Hz/1 V	164,500	235,000	305,500	pF
dimensions	Ø44.8 x 13.6				mm
weight				11.5	g
material	PBT+15% Glass UL94 V-0 (black)				
terminal	pin type (Au plating)				
operating temperature		-40		105	°C
storage temperature		-40		105	°C
RoHS	yes				

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

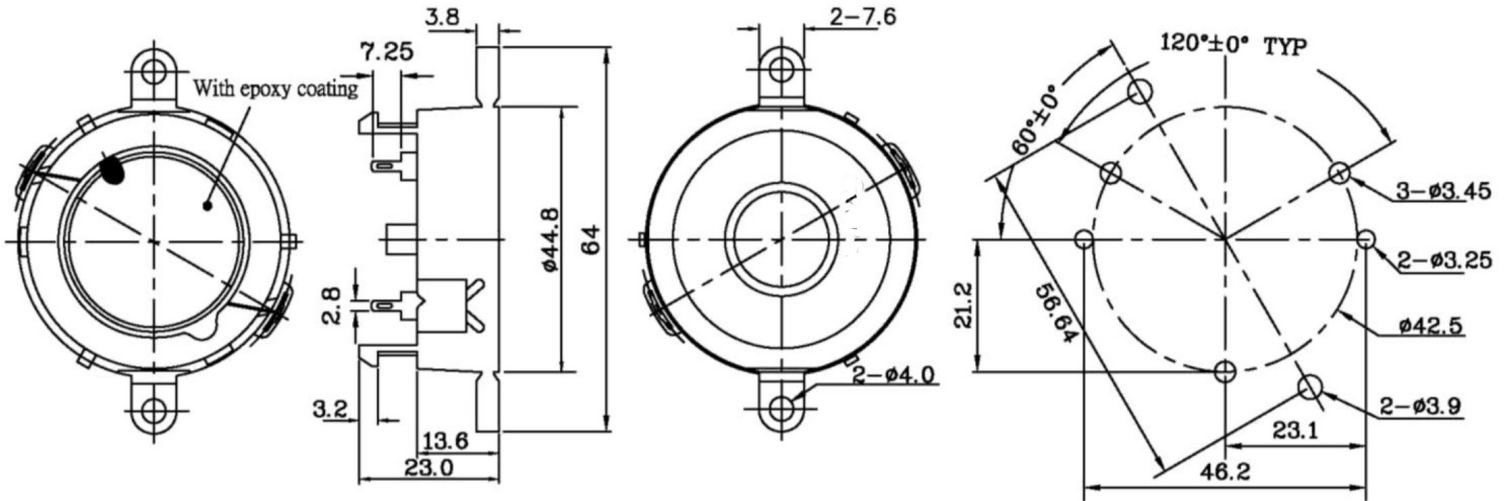
SOLDERABILITY

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

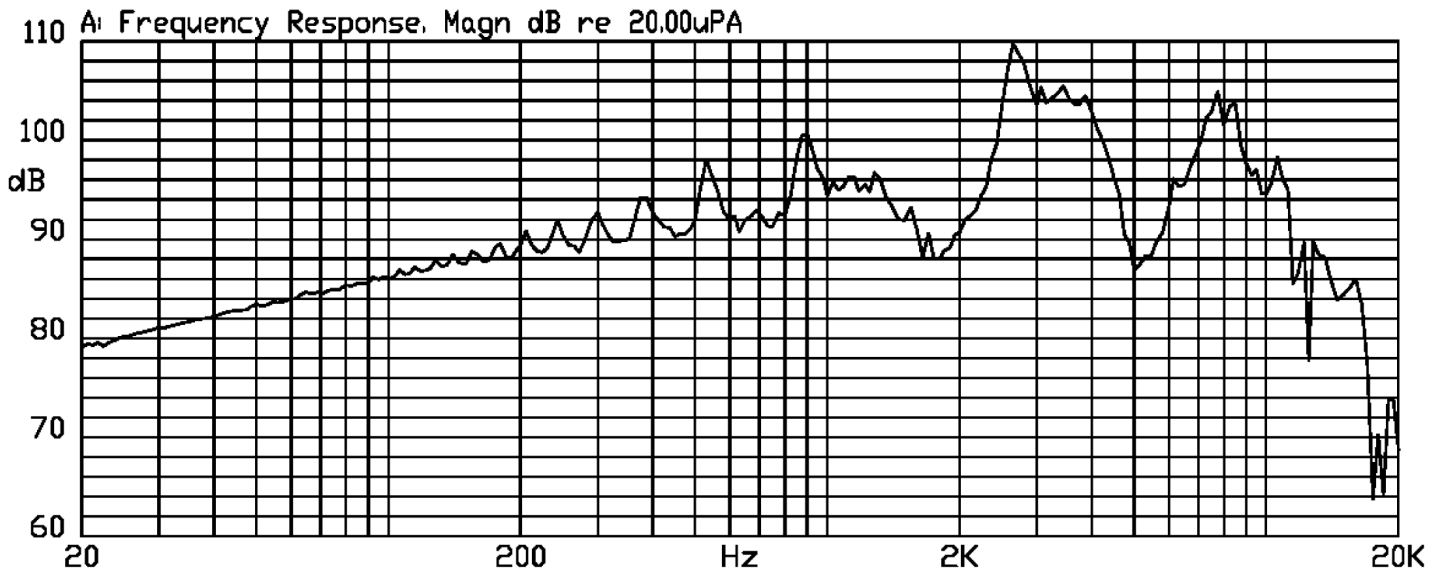
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	06/01/2010
1.01	applied new spec template	06/25/2015
1.02	added current consumption	10/23/2018
1.03	updated datasheet	03/15/2019

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

**CUI INC**[®]**Headquarters**
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899Fax 503.612.2383
cui.com
techsupport@cui.com

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

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

CUI 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.