

CUI DEVICES

date 01/14/2022

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MODEL: CPS-4013-110T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- 9 V rated
- externally driven
- through hole

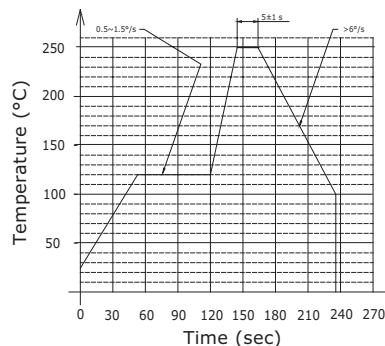

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			9		Vdc
operating voltage		6		12	Vdc
current consumption	at rated voltage			50	mA
rated frequency		2,900	3,200	3,500	Hz
sound pressure level	at 30 cm, rated voltage	110	115		dB
tone	single				
dimensions	Ø40.0 x 12.6				mm
weight			9.6		g
material	ABS777D				
terminal	pins (red copper with tin plating)				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
washable	no				
RoHS	yes				

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

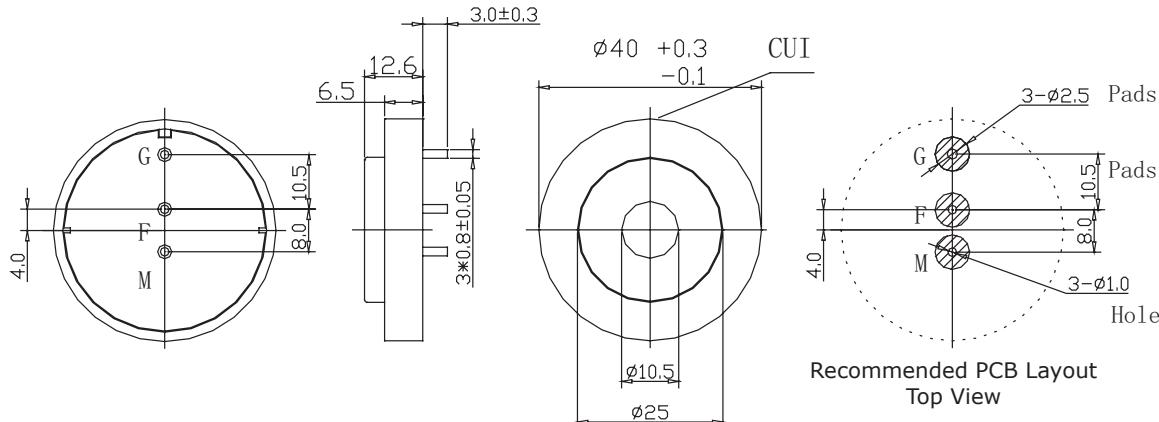
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering		360	380	400	°C
wave soldering	see graph below				



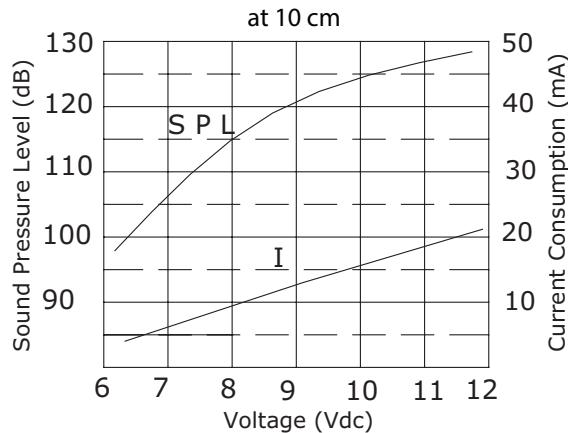
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

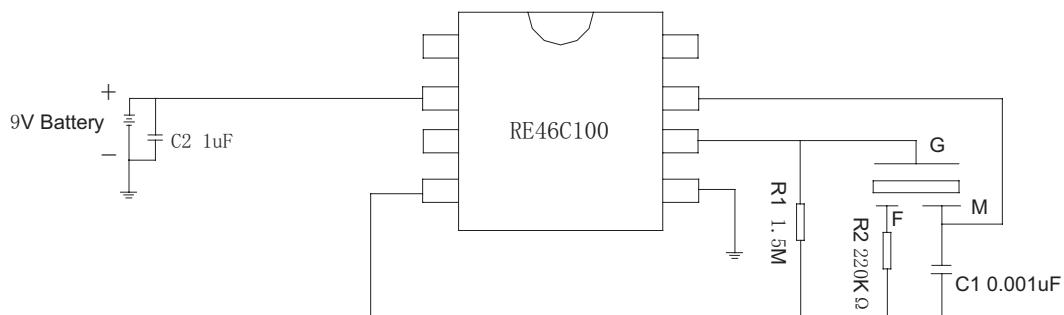


PERFORMANCE CURVES

SPL: Sound Pressure Level
I: Current Consumption



DRIVING CIRCUIT



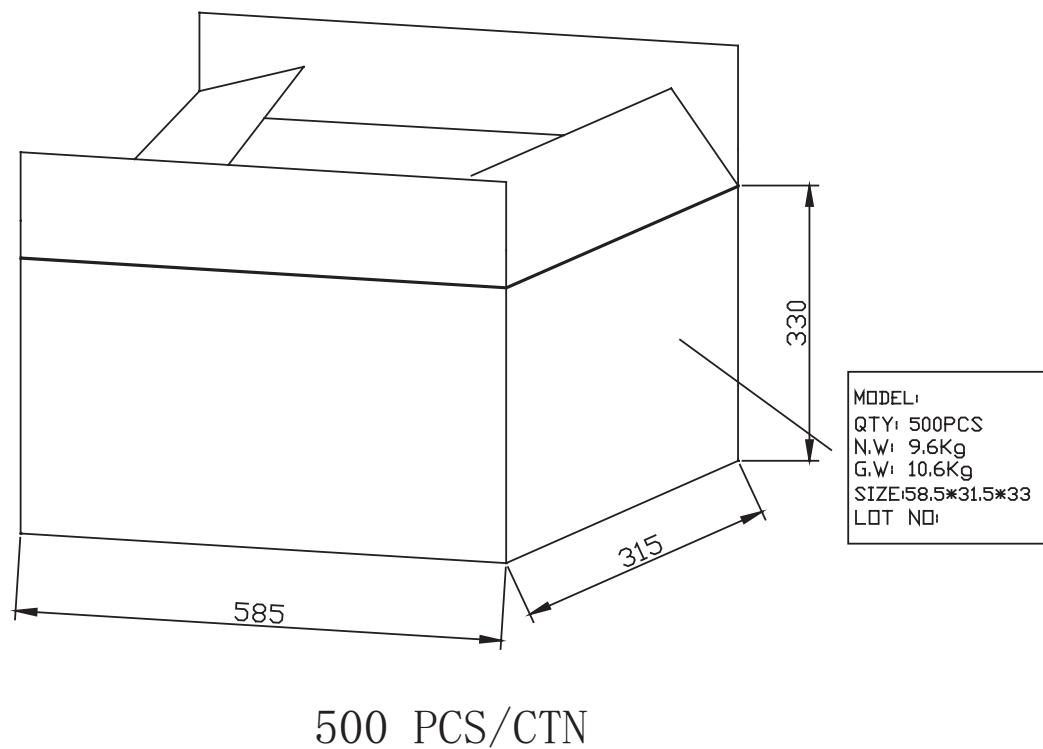
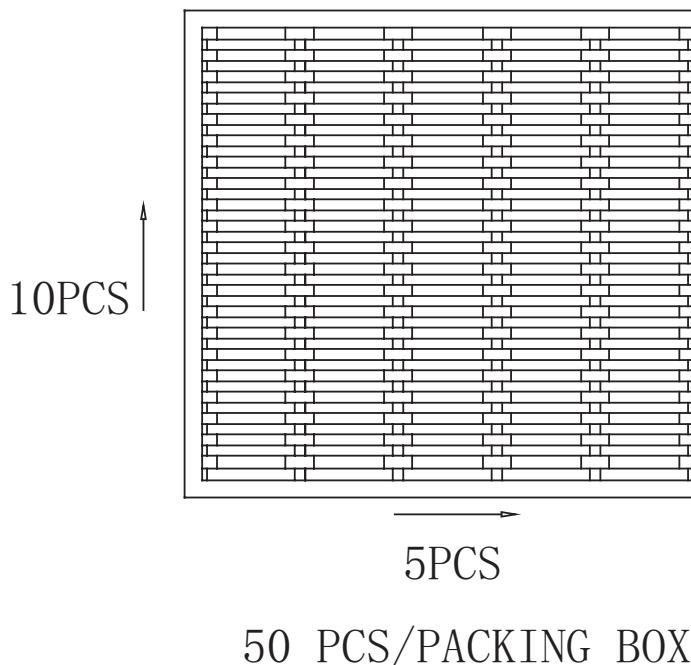
Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

PACKAGING

units: mm

Carton Size: 585 x 315 x 330 mm

Carton QTY: 500 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	01/08/2020
1.01	updated datasheet	06/15/2020
1.02	updated drawing	01/14/2022

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

CUI DEVICES

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

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