CUDEVICES

MODEL: CPT-5828-108L170 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

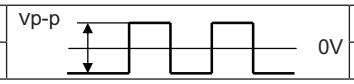
FEATURES

- high SPL
- operating voltage 3~85 V
- screw holes



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			85		Vp-p
operating voltage		3		85	Vp-p
current consumption	at rated voltage, 2,700 Hz, ½ duty square wave			90	mA
rated frequency			2,700		Hz
sound pressure level	at 30 cm, rated voltage, 2,700 Hz, ½ duty square wave	103	108		dB
electrostatic capacitance	at 120 Hz/1 V	24,500	35,000	45,500	pF
dimensions	58.5 x 52.8 x 28.3				mm
weight				26	g
material	ABS				
terminal	wire leads				
operating temperature		-20		70	°C
storage temperature		-30		85	°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.

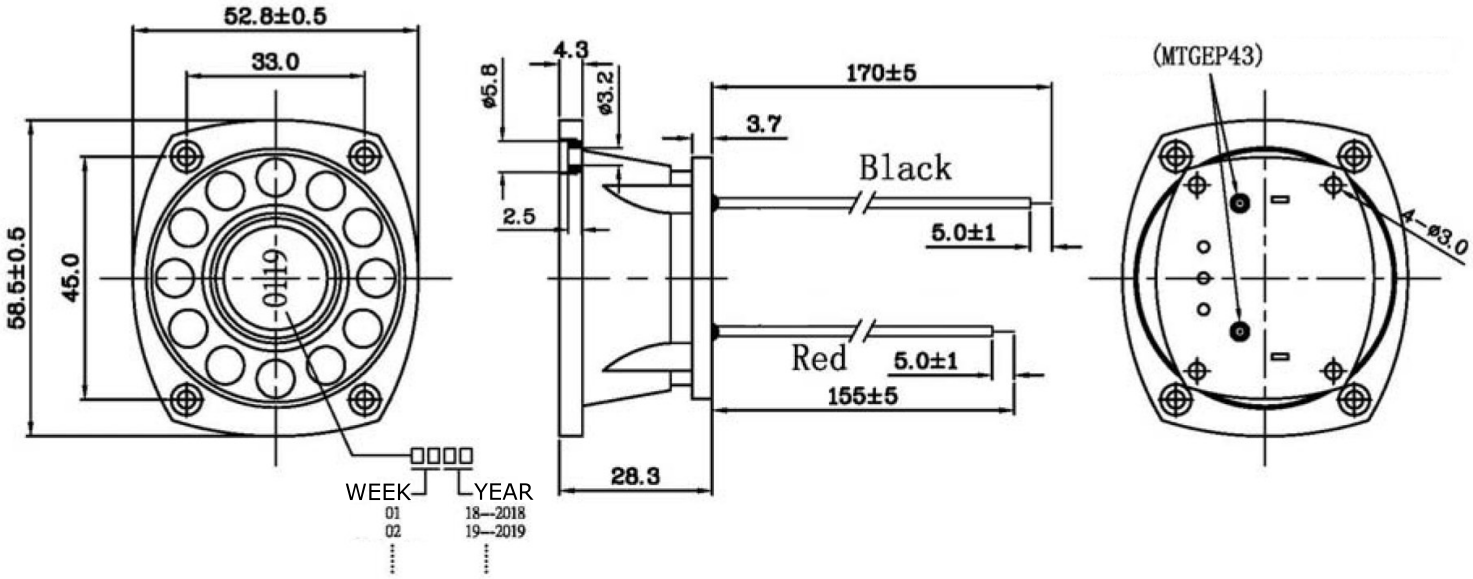
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			380	°C

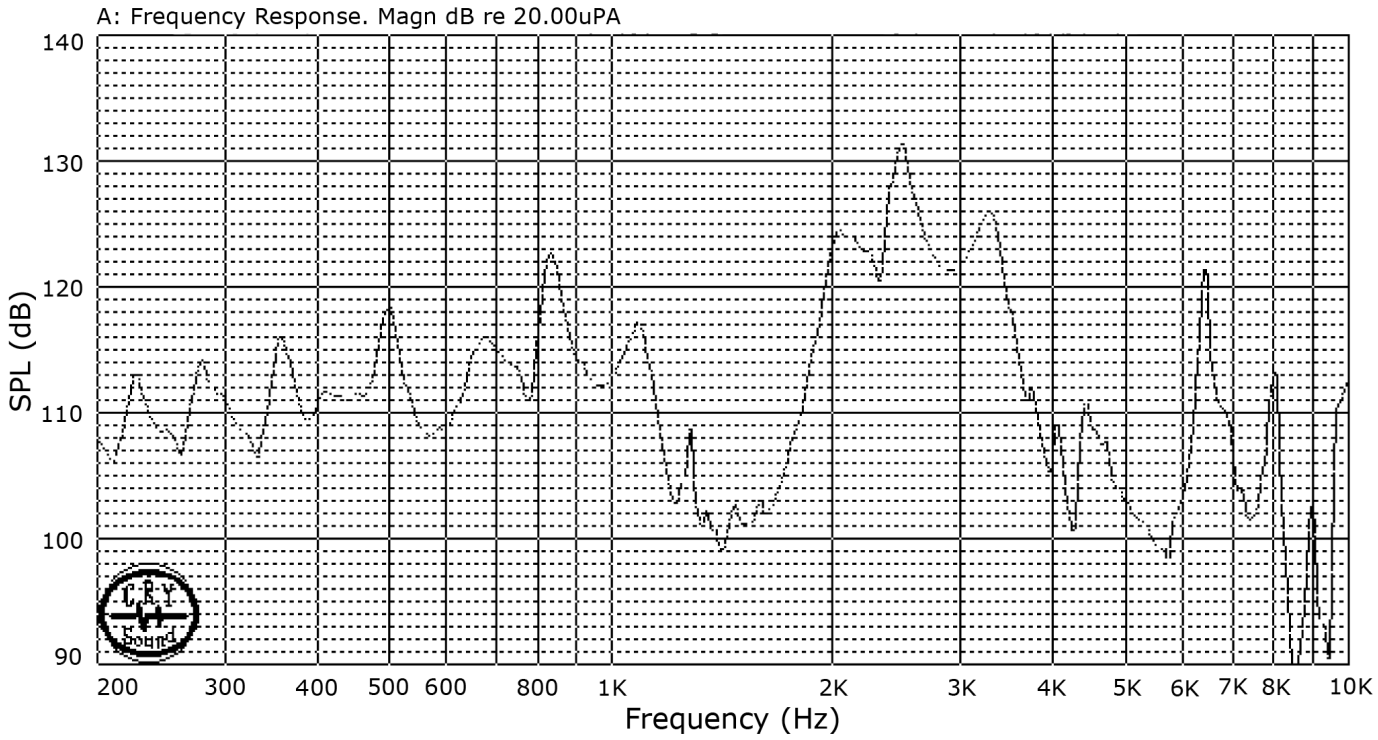
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

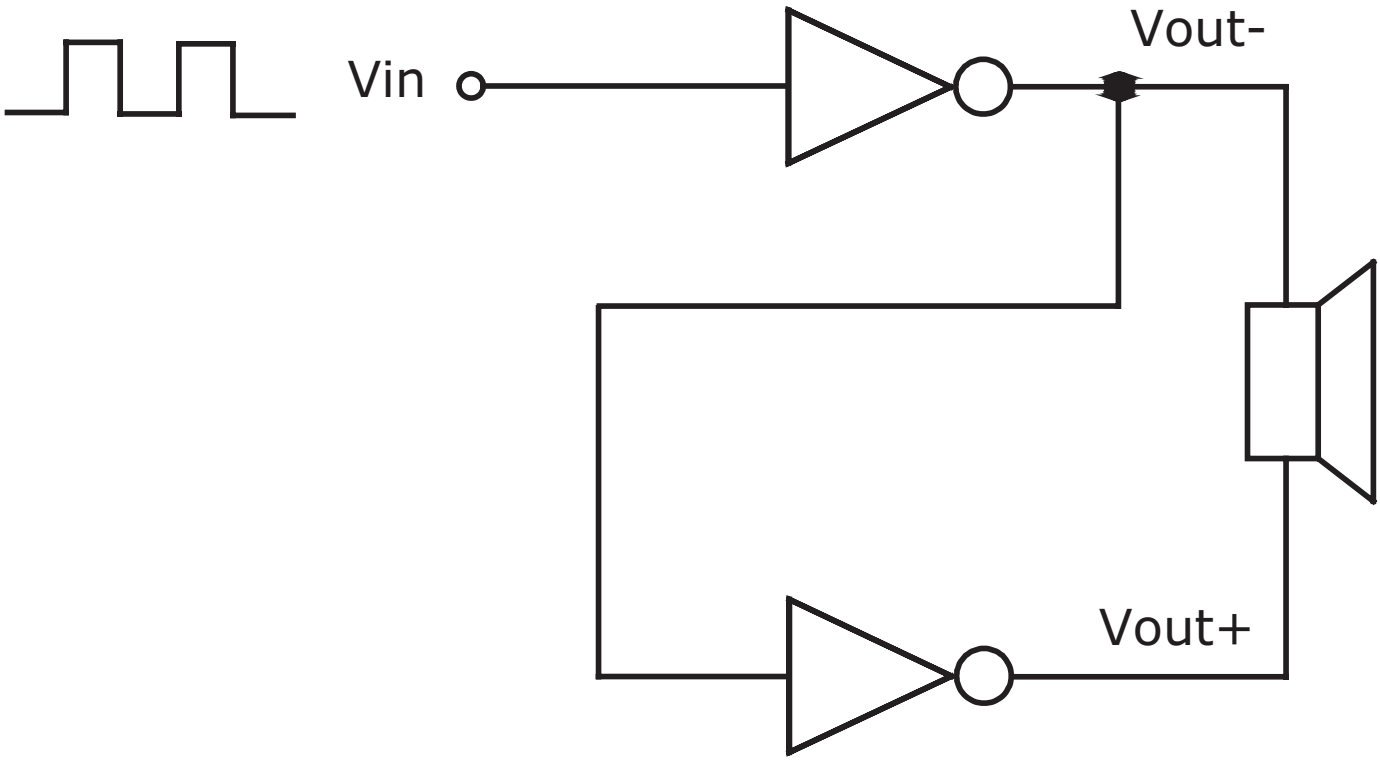
wire: UL1007 24AWG



FREQUENCY RESPONSE CURVE



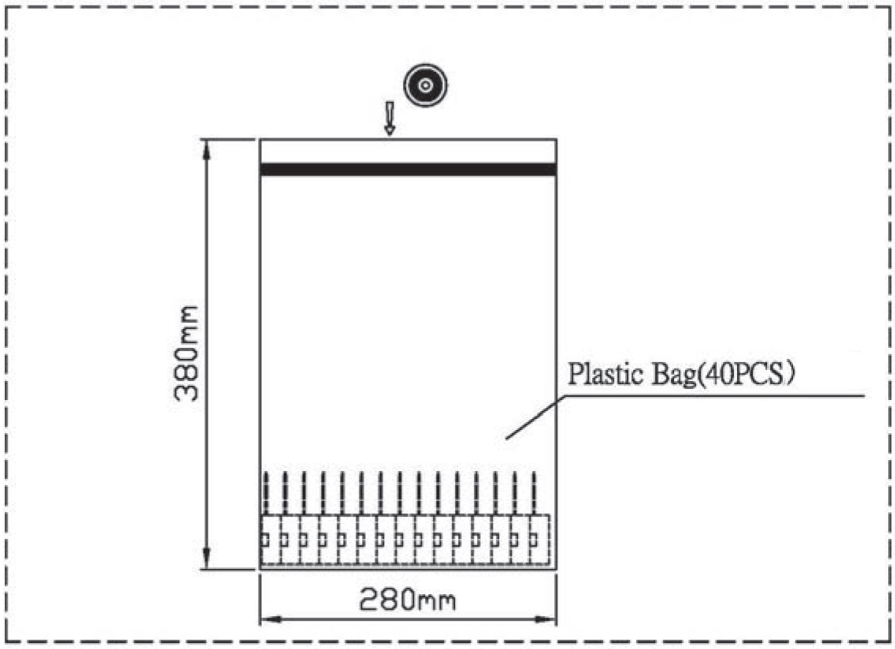
APPLICATION CIRCUIT

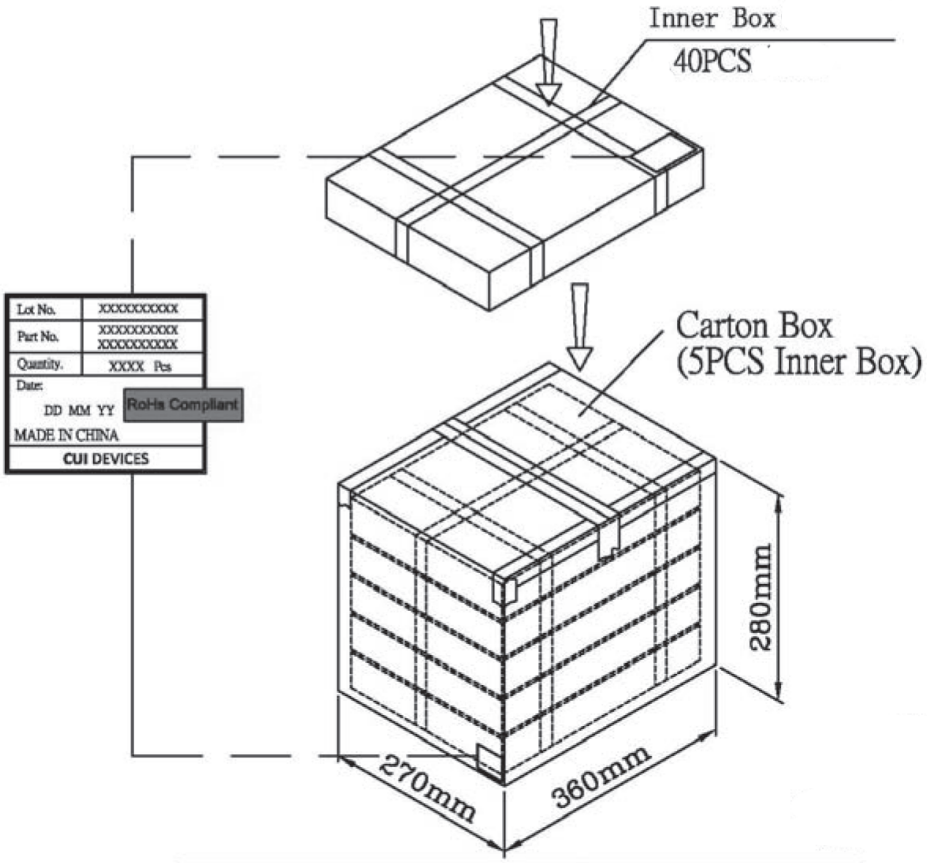


PACKAGING

units: mm

Carton Size: 360 x 270 x 280 mm
Carton QTY: 200 pcs per carton





REVISION HISTORY

rev.	description	date
1.0	initial release	12/11/2019
1.01	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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