CUDEVICES

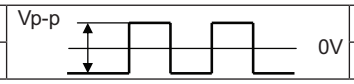
MODEL: CPT-2305-90PM | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- SPL 90 dB
- piezo
- externally driven
- panel mount with 95 mm lead wire

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vp-p
operating voltage		3		30	Vp-p
current consumption	at rated voltage, 4,000 Hz, ½ duty square wave			5	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave	90			dB
electrostatic capacitance	at 120 Hz	16,800	24,000	31,200	pF
dimensions	Ø23.0 x 5.0				mm
weight			2.0		g
material	ABS				
terminal	wire leads				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

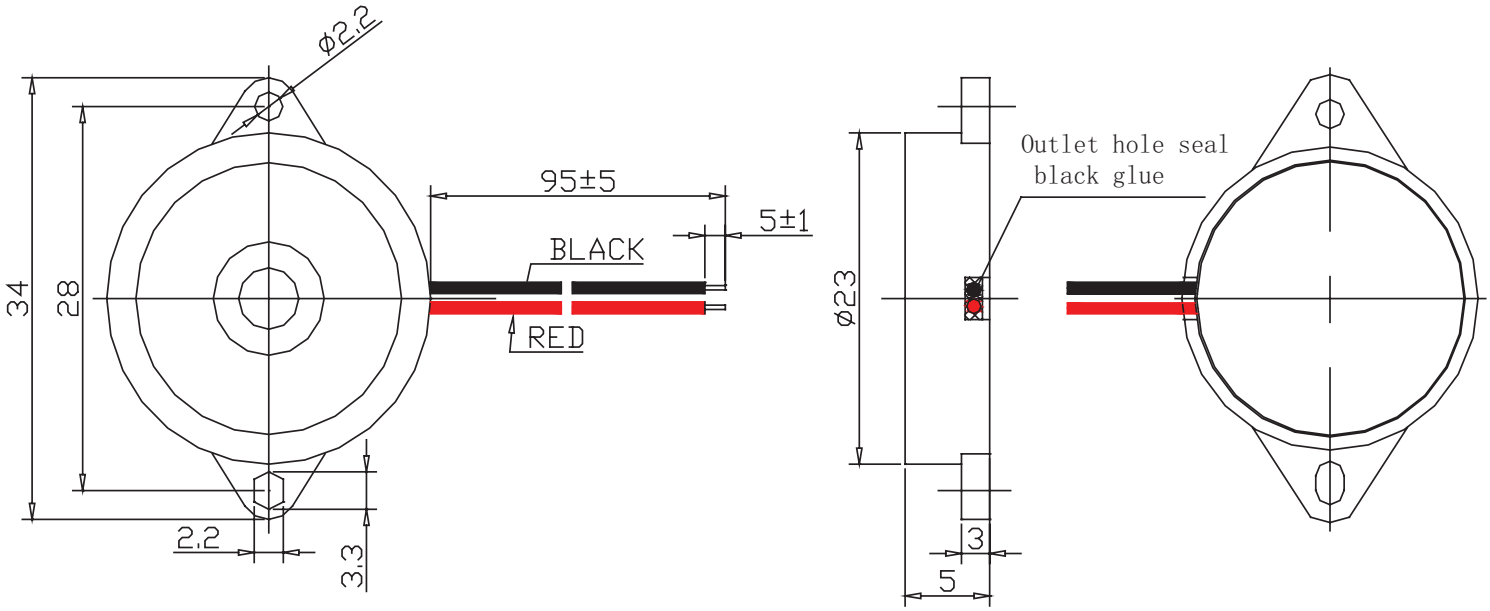
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering		370	380	390	°C

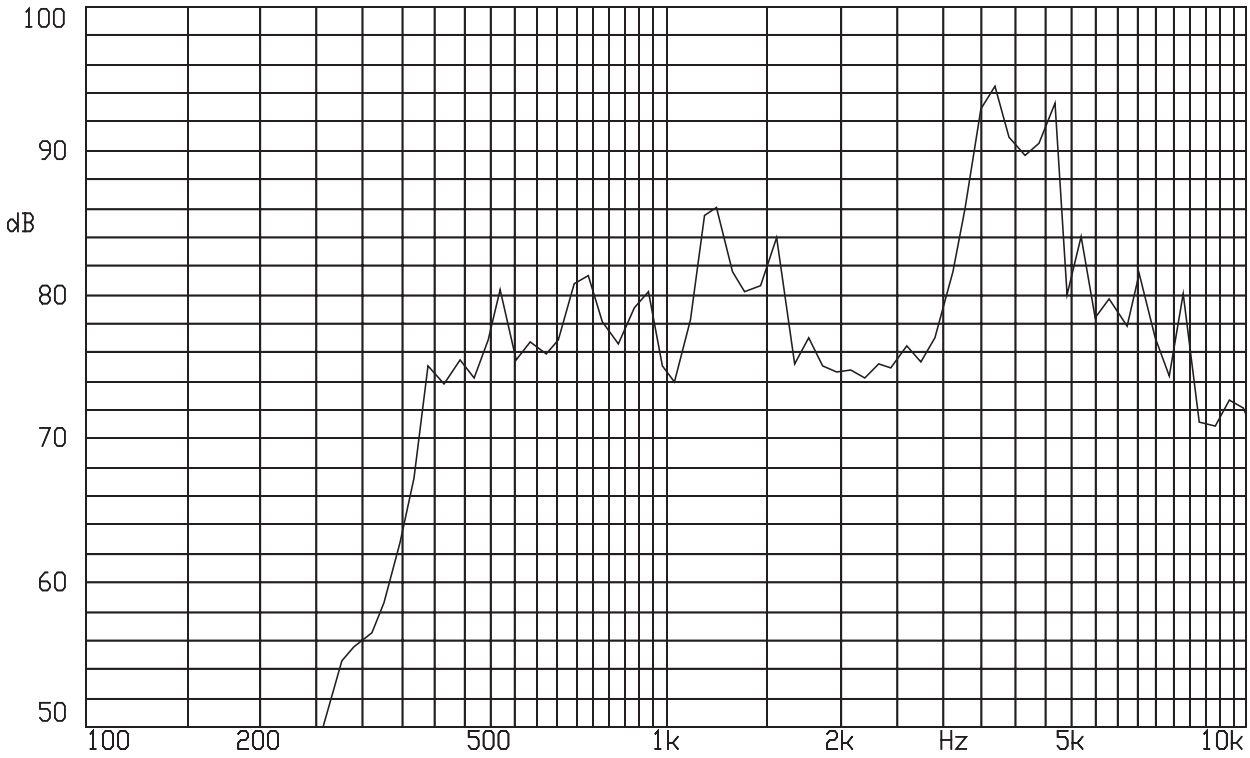
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

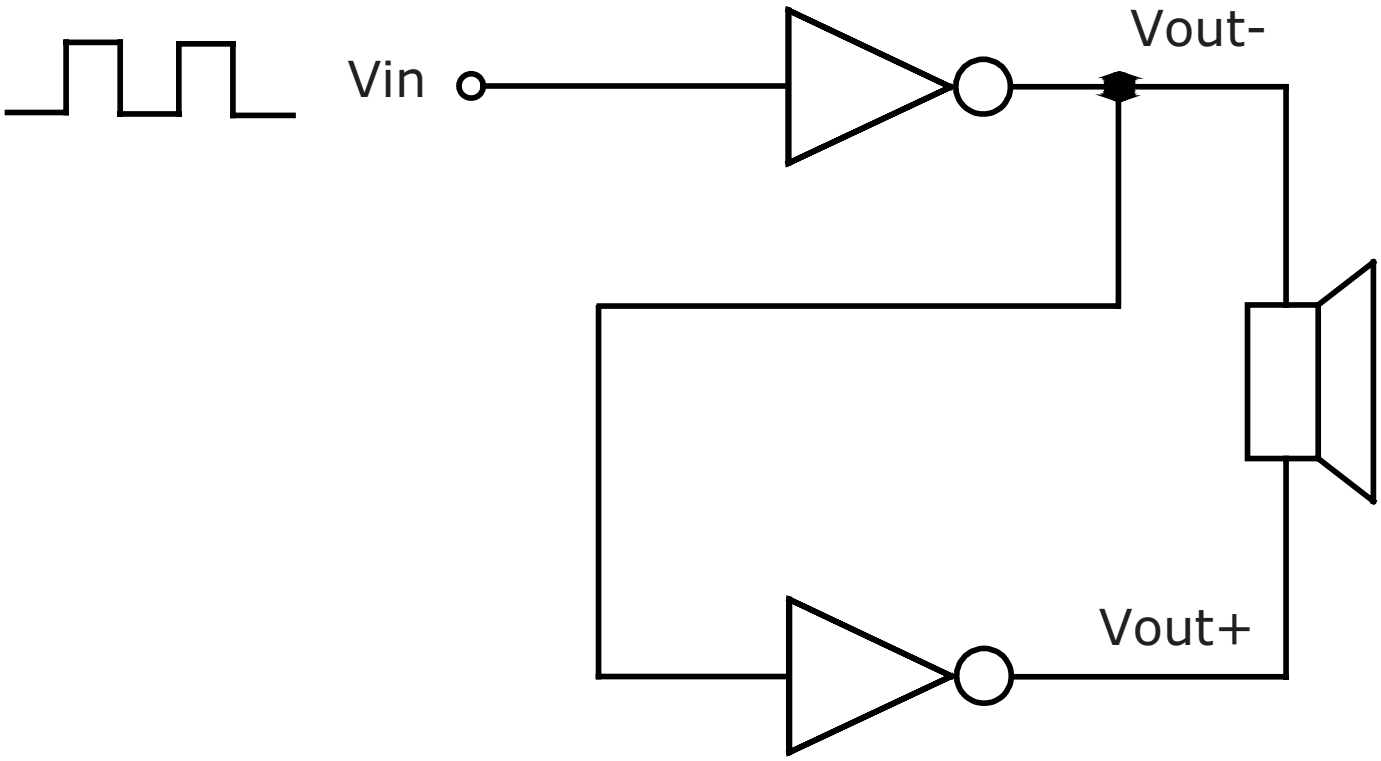
wire: UL 1571 30 AWG



FREQUENCY RESPONSE CURVE



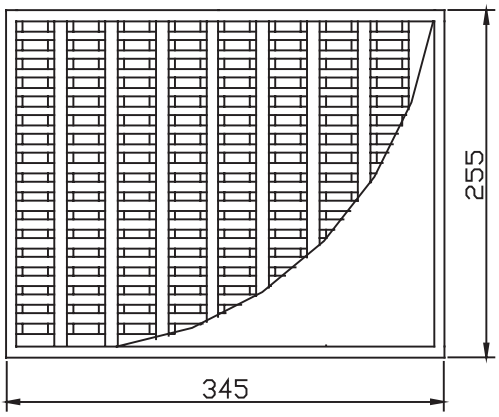
APPLICATION CIRCUIT



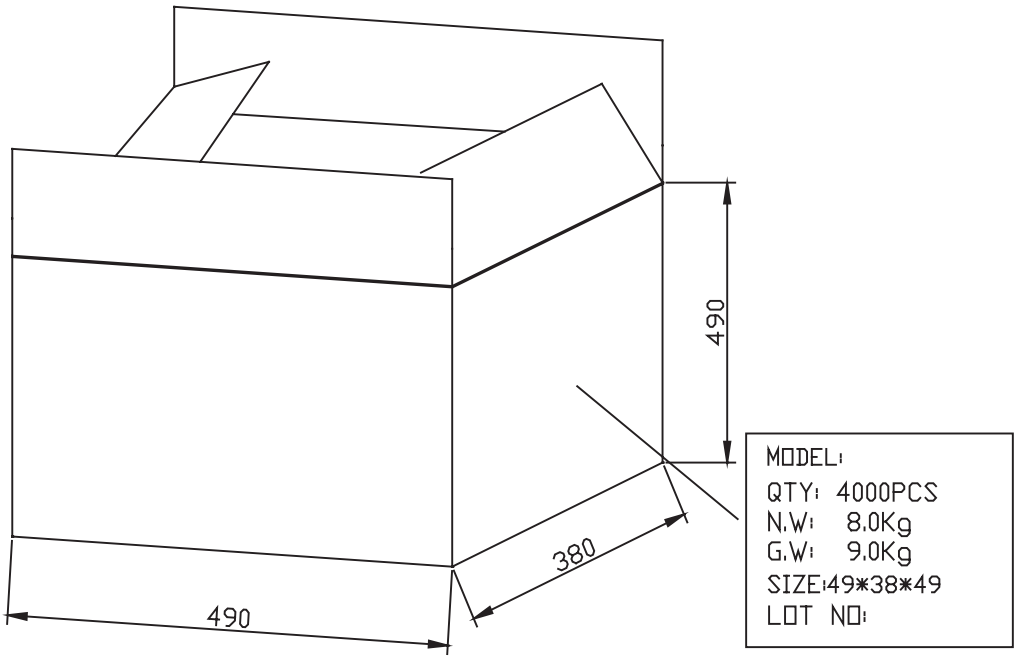
PACKAGING

units: mm

Carton Size: 490 x 380 x 490 mm
Carton QTY: 4,000 pcs per carton



200PCS/box



REVISION HISTORY

rev.	description	date
1.0	initial release	07/15/2019
1.01	brand update	01/03/2020
1.02	logo, datasheet style update	08/05/2022

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