

MODEL: CPT-3055-90PM

| DESCRIPTION: PIEZO BUZZER TRANSDUCER

FEATURES

- SPL 90 dB
- piezo
- externally driven
- panel mount with 120 mm lead wire



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	Vp-p 0V		12		Vp-p
operating voltage		1		30	Vp-p
current consumption	at rated voltage, 2,500 Hz, ½ duty square wave			15	mA
rated frequency			2,500		Hz
sound pressure level	at 10 cm, rated voltage, 2,500 Hz, ½ duty square wave	80			dB
electrostatic capacitance	at 120 Hz	31,500	45,000	58,500	pF
dimensions	Ø30.0 x 5.5				mm
weight			3.5		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

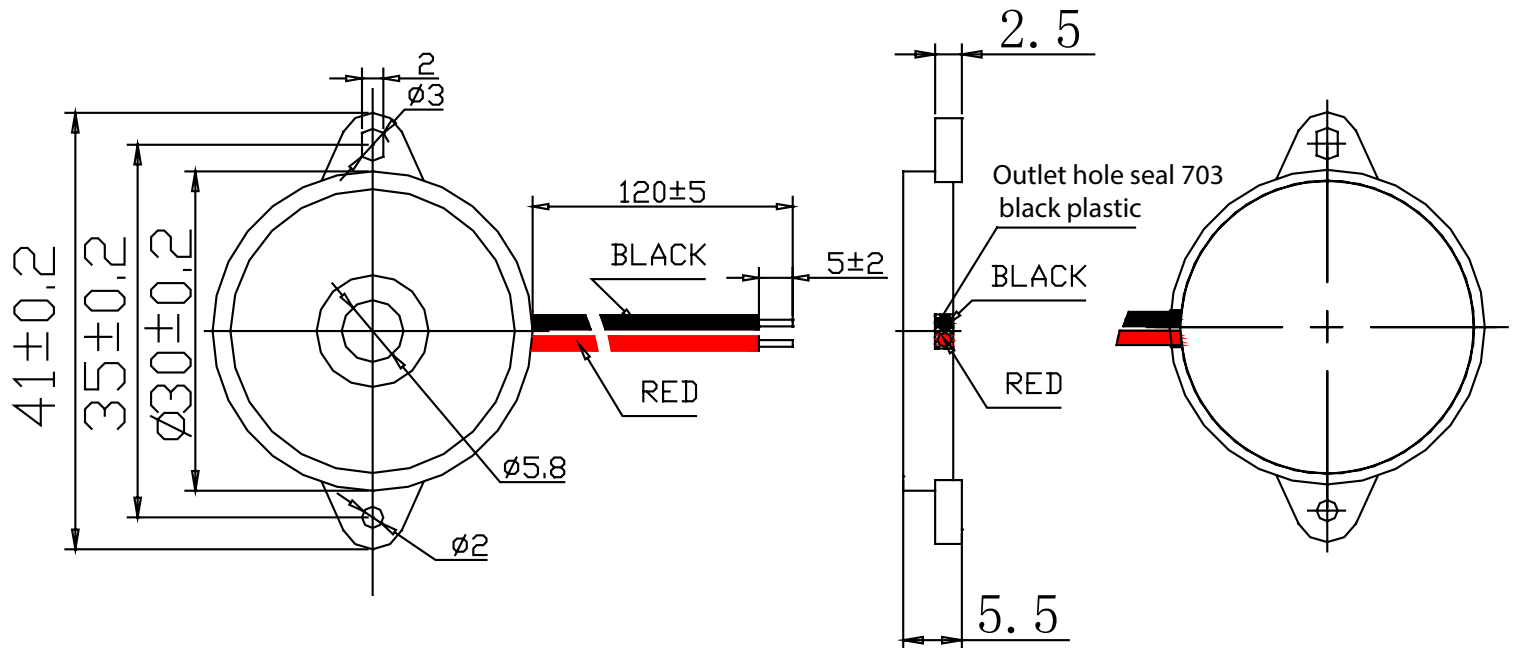
parameter	conditions/description	min	typ	max	units
hand soldering		370	380	390	°C

MECHANICAL DRAWING

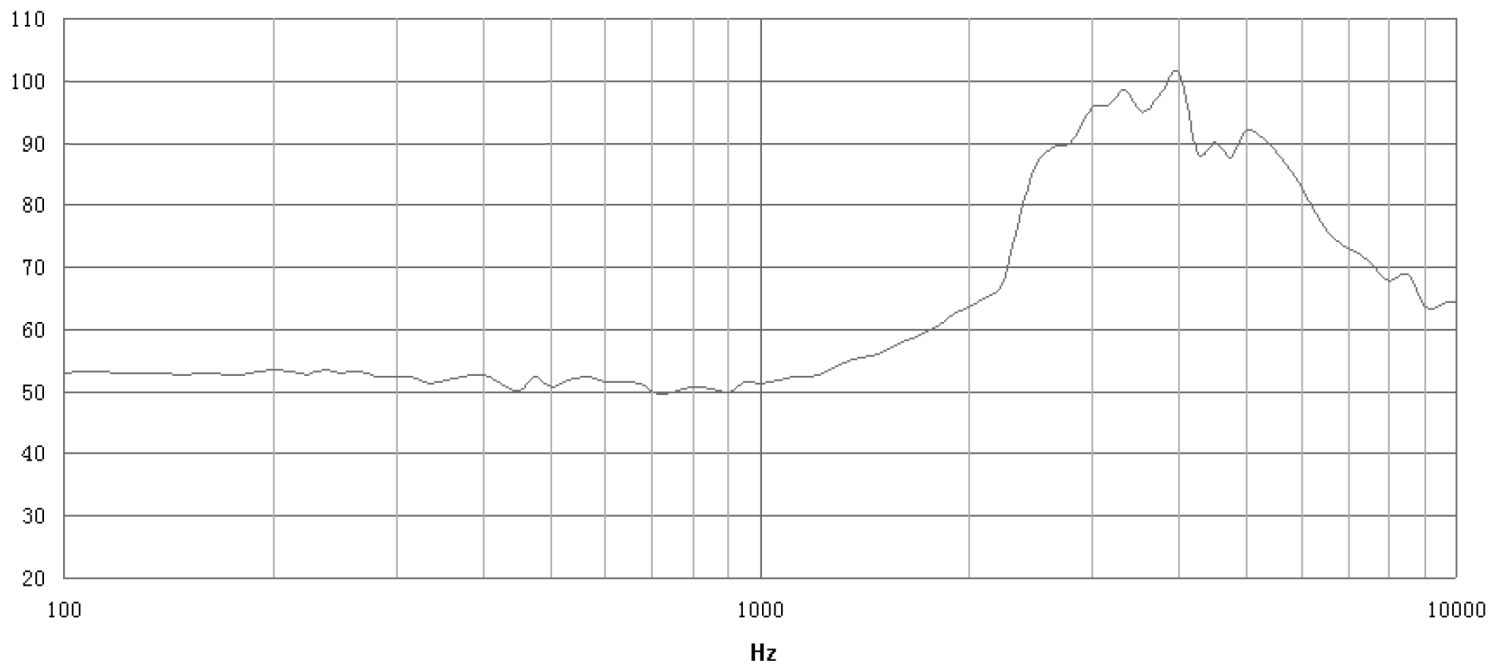
units: mm

tolerance: ± 0.5 mm

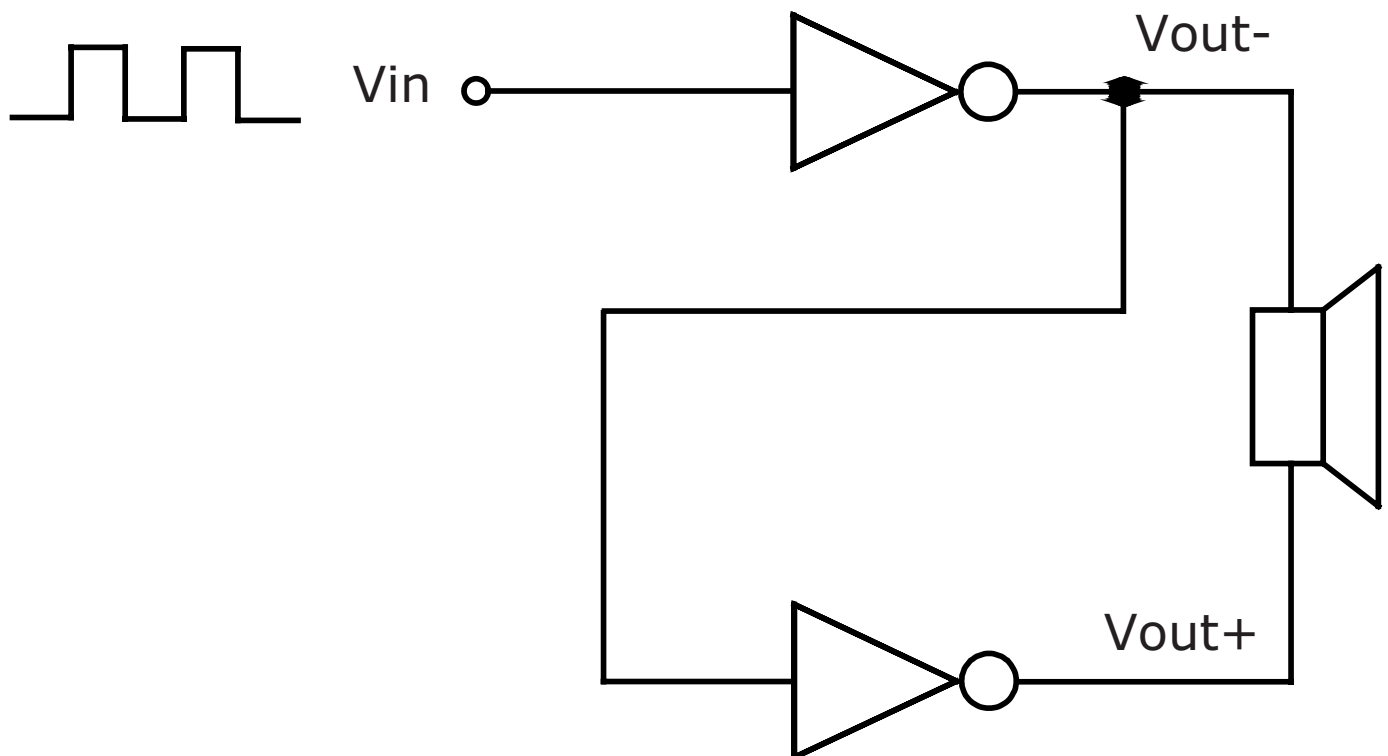
wire: UL 1095 28 AWG



FREQUENCY RESPONSE CURVE



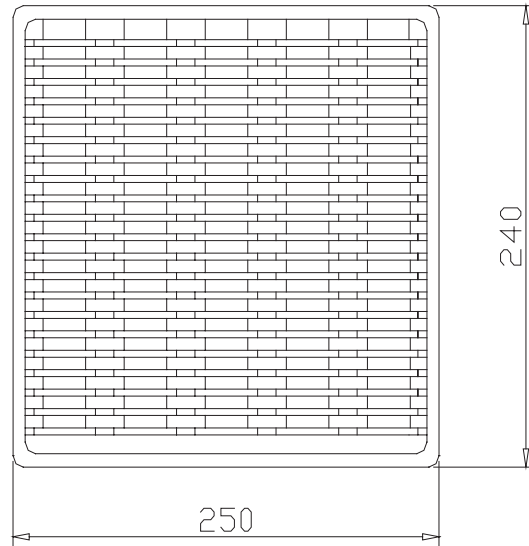
APPLICATION CIRCUIT



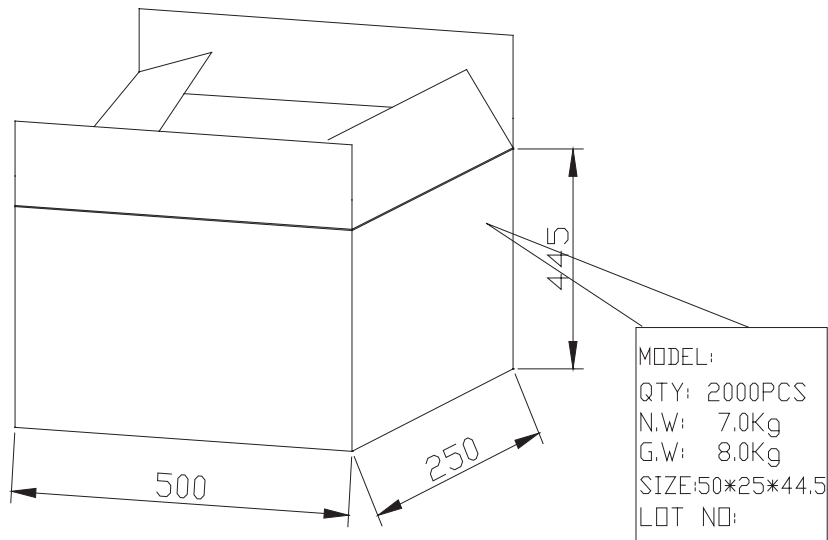
PACKAGING

units: mm

Carton Size: 500 x 250 x 445 mm
Carton QTY: 2,000 pcs per carton



100PCS/board



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
1.03	CUI Devices rebranded to Same Sky	09/11/2024

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



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

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Same Sky 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.

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