CUI Devices is now Same Sky! Learn More

MODEL: CST-931AP | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

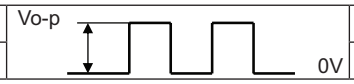
FEATURES

- top port
- 85 db SPL minimum
- externally driven



RoHS

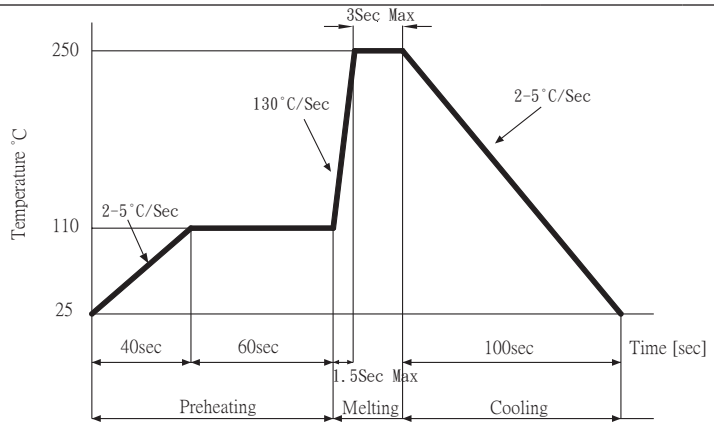
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			3.0		Vo-p
operating voltage		2.0		4.0	Vo-p
current consumption	at rated voltage, 2,730 Hz square wave, ½ duty			80	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, ½ duty	85	92		dBA
coil resistance		12.7	15.0	17.3	Ω
dimensions	Ø9.0 x 4.5				mm
weight			0.65		g
material	PBT				
terminal	pin type (Au plating)				
operating temperature		-30		70	°C
storage temperature		-30		80	°C
RoHS	yes				

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

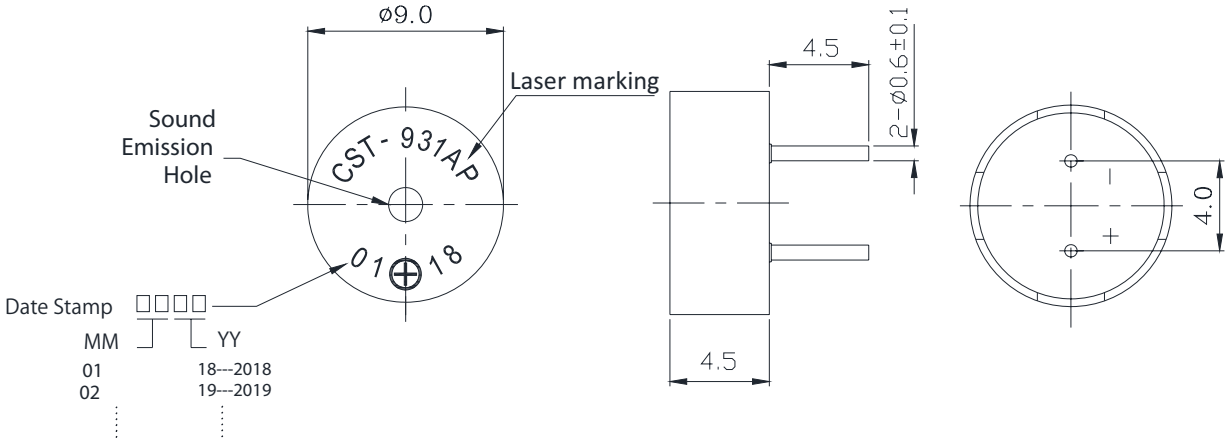
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	see wave soldering profile			250	°C

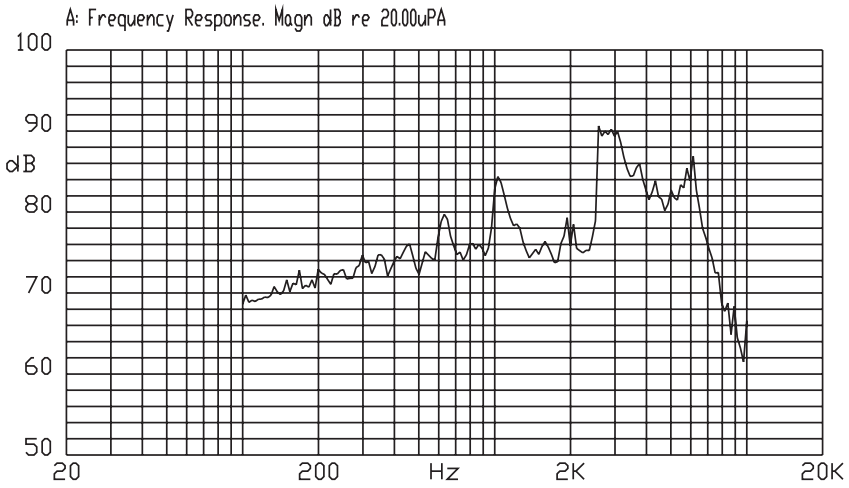


MECHANICAL DRAWING

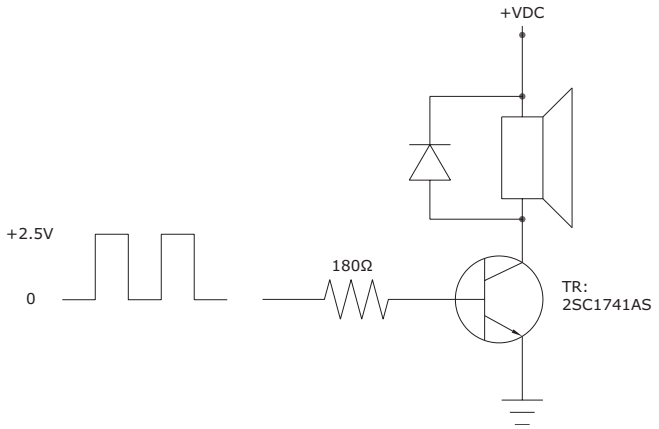
units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE

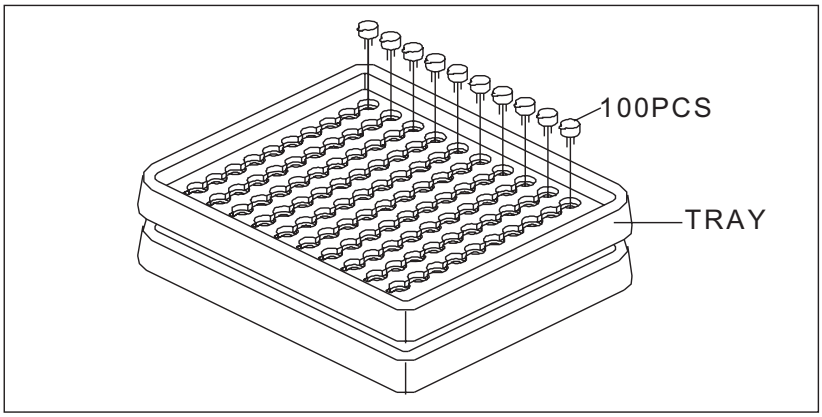


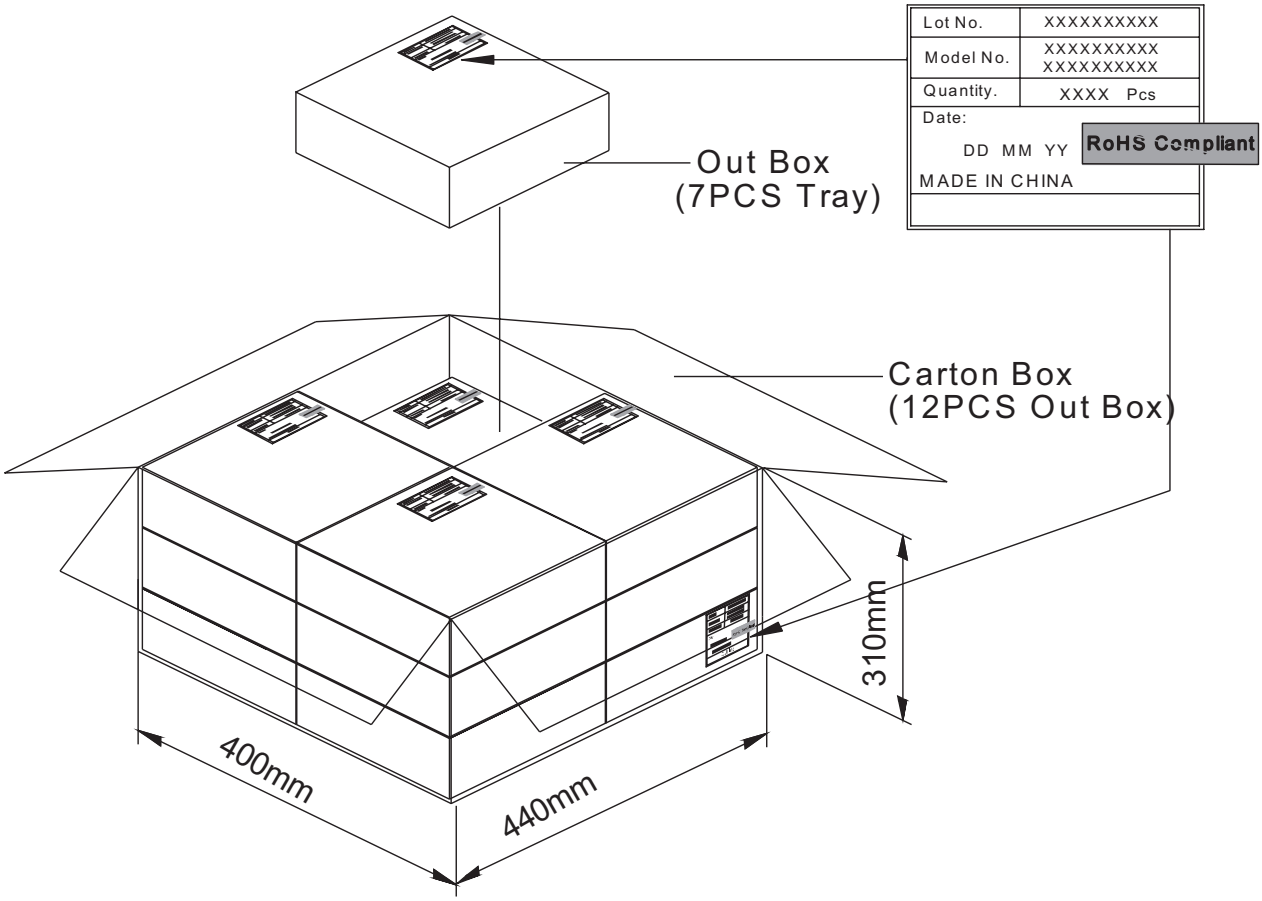
MEASUREMENT METHOD



PACKAGING

Tray Size: 184 x 184 x 23 mm
Internal Box Size: 200 x 190 x 100 mm
Carton Size: 440 x 400 x 310 mm
QTY: 8,400 pcs (100 x 7 x 12)





REVISION HISTORY

rev.	description	date
1.0	initial release	01/30/2006
1.01	applied new spec template	01/14/2016
1.02	changed to single plastic housing design	08/27/2018
1.03	brand update	12/03/2019
1.04	logo, datasheet style update	08/05/2022
1.05	changed to laser etching	05/13/2024
1.06	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

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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