CUI Devices is now Same Sky! Learn More

same sky

MODEL: CSS-0575A-SMT-TR | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

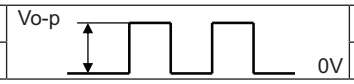
FEATURES

- small form factor
- low profile
- externally driven



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			3		Vo-p
operating voltage		2		4	Vo-p
current consumption	at rated voltage, 4,000 Hz square wave, ½ duty			95	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 4,000 Hz square wave, ½ duty	76			dBA
coil resistance		9	12	15	Ω
dimensions	5.0 x 5.0 x 2.0				mm
weight			0.2		g
material	L.C.P. (black)				
terminal	SMT type (Sn plating)				
operating temperature		-30		70	°C
storage temperature		-40		80	°C
RoHS	yes				

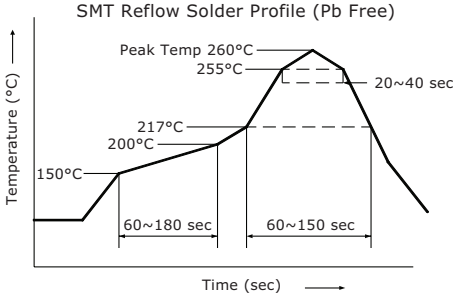
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <40%			25	°C
reflow soldering[2]	see recommended reflow soldering profile			260	°C
drying conditions[3]	bake at 40°C for 24 hours				

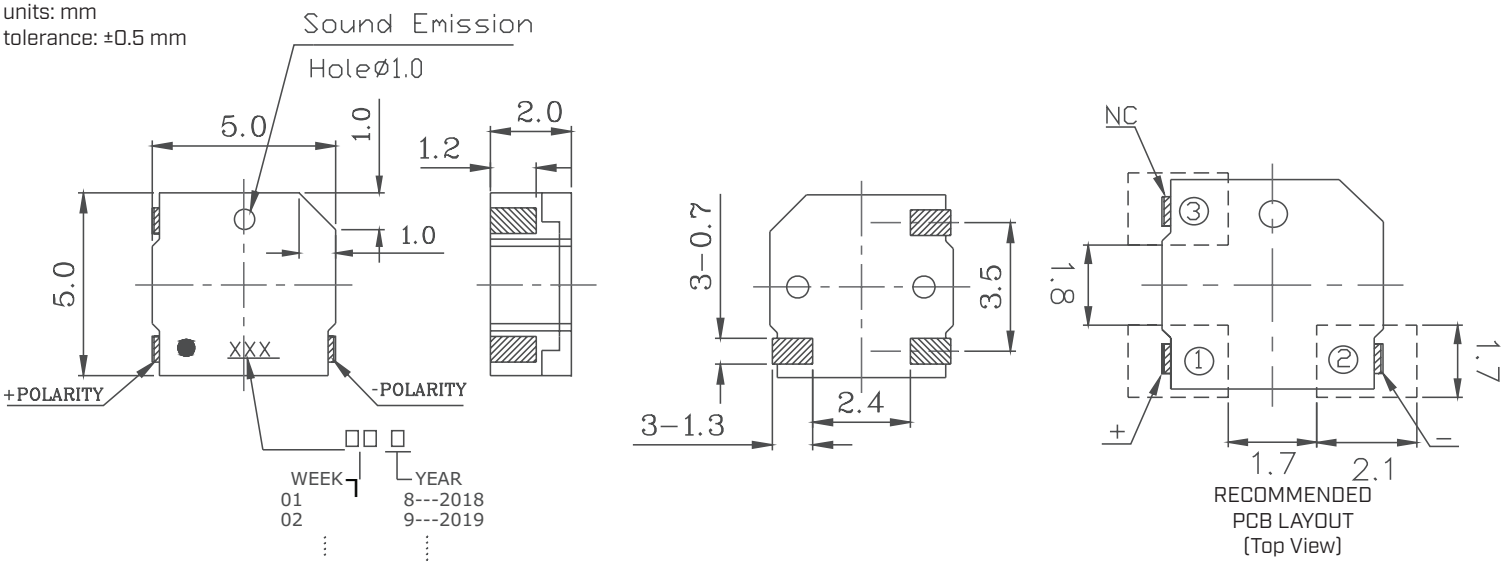
Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
3. When out of packaging for more than 48 hours.

SMT Reflow Solder Profile (Pb Free)

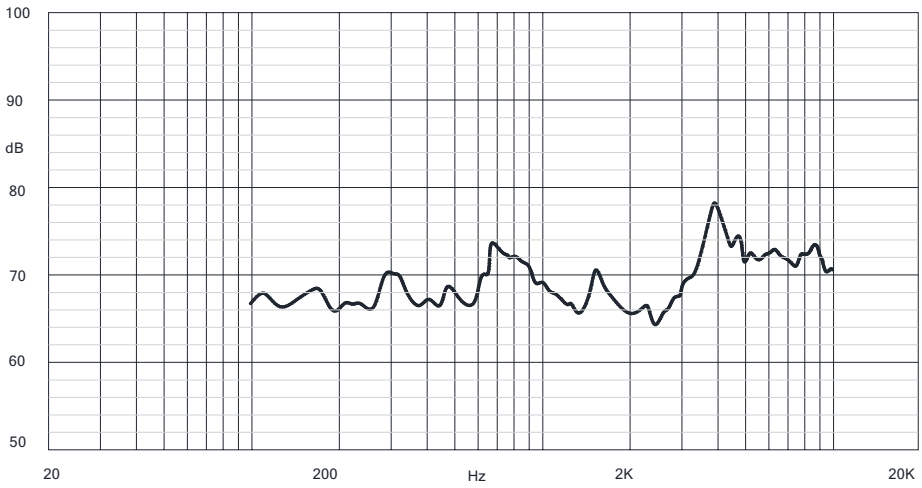


MECHANICAL DRAWING

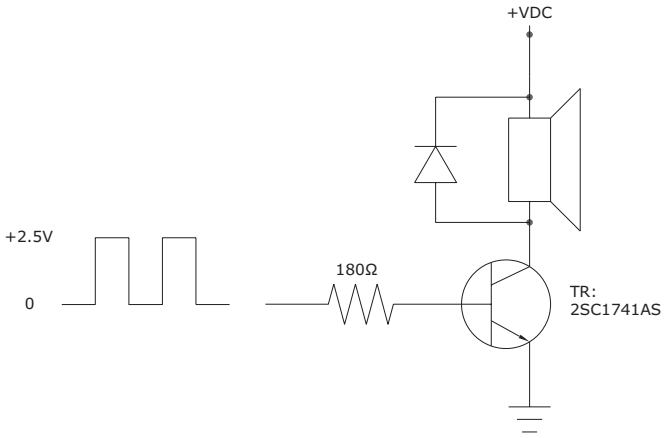
units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



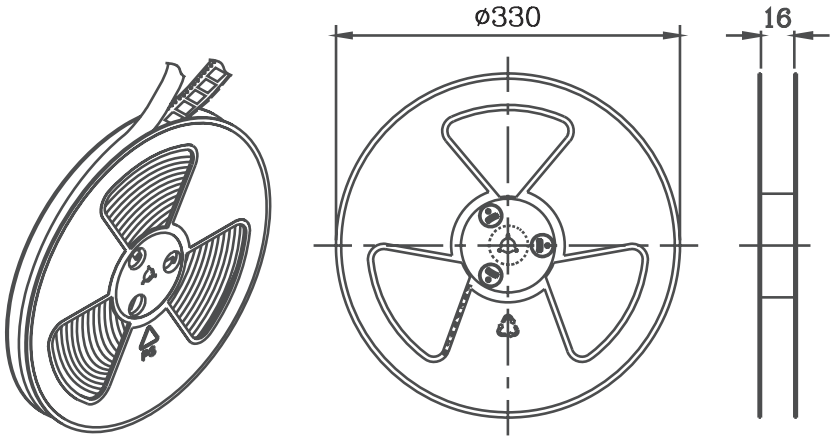
MEASUREMENT METHOD

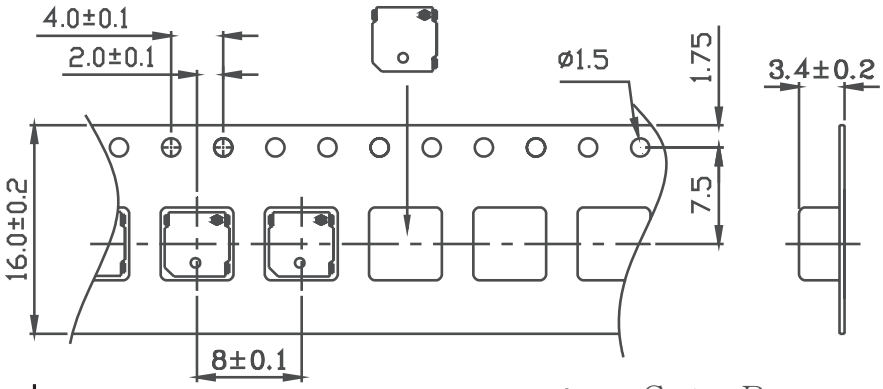


PACKAGING

units: mm

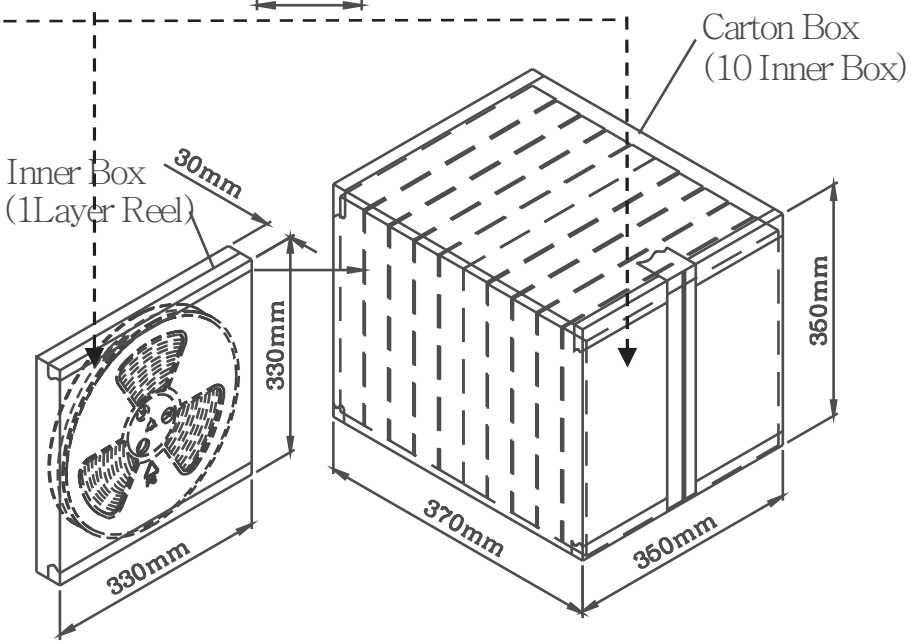
Reel Size: Ø330 mm
Inner Box Size: 330 x 330 x 30 mm
Carton Size: 370 x 350 x 350 mm
Reel QTY: 2,500 pcs per reel
Carton QTY: 25,000 pcs per carton





Lot No.	XXXXXXXXXX
Model No.	XXXXXXXXXX
Quantity.	XXXX Pcs
Date: DD MM YY MADE IN CHINA	G

* The label sticked on inner boxes and the outer of carton.



REVISION HISTORY

rev.	description	date
1.0	initial release	07/16/2010
1.01	updated part number, added TR package option, applied new spec template	05/03/2013
1.02	modified housing, frequency response changed, added storage and drying conditions, added tape and reel packaging details	10/16/2018
1.03	brand update	01/06/2020
1.04	logo, datasheet style update	08/05/2022
1.05	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

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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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