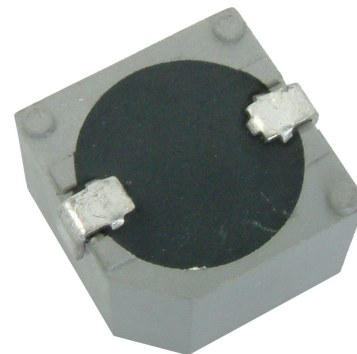



**MODEL:** CT-1205H-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- washable
- top sound port
- externally driven

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			5		Vo-p
operating voltage		3		7	Vo-p
current consumption	at rated voltage, 2,400 Hz square wave, ½ duty			60	mA
rated frequency			2,400		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,400 Hz square wave, ½ duty	88	92		dBA
coil resistance		40	47	54	Ω
dimensions	12.8 x 12.8 x 10				mm
weight			2		g
material	PPS [S-206]				
terminal	SMT type [Sn plating]				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	yes				

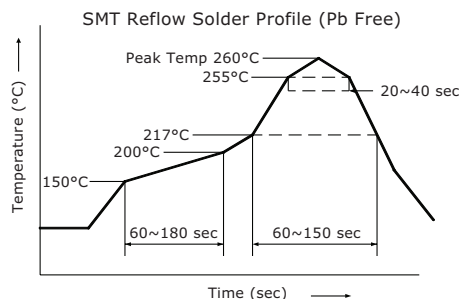
Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

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

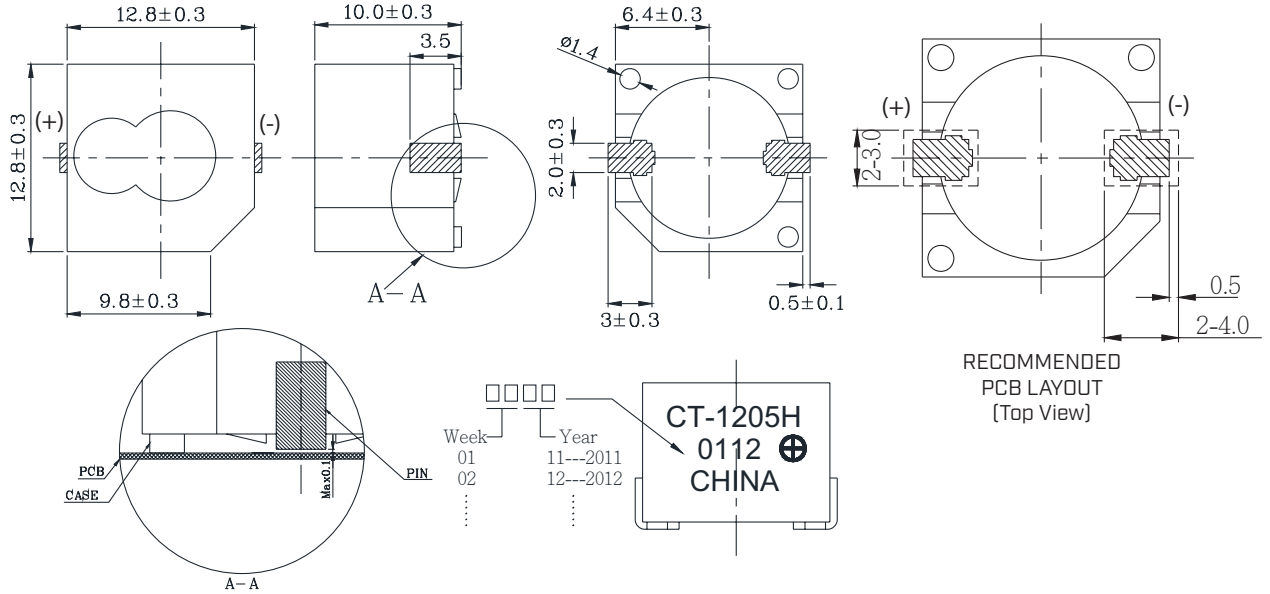
Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

3. When out of packaging for more than 48 hours.

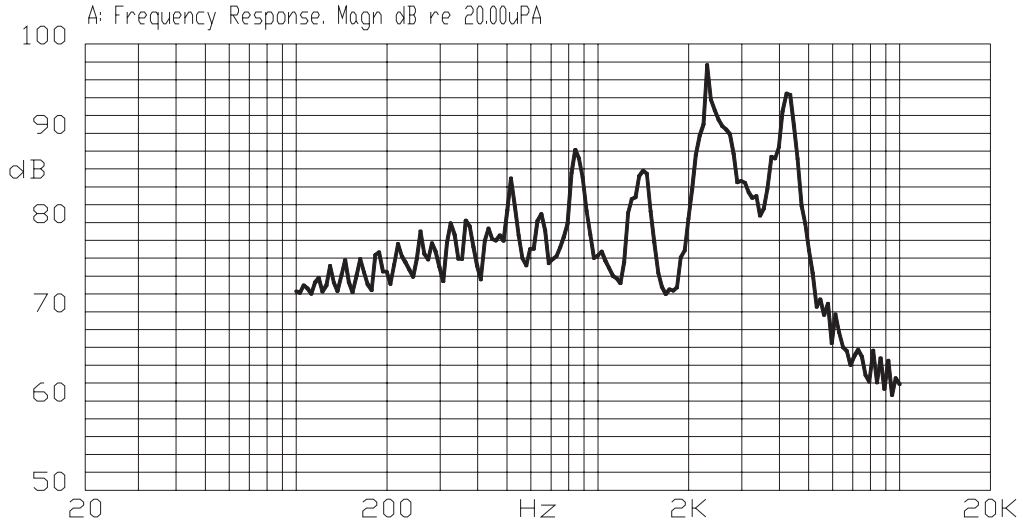


## MECHANICAL DRAWING

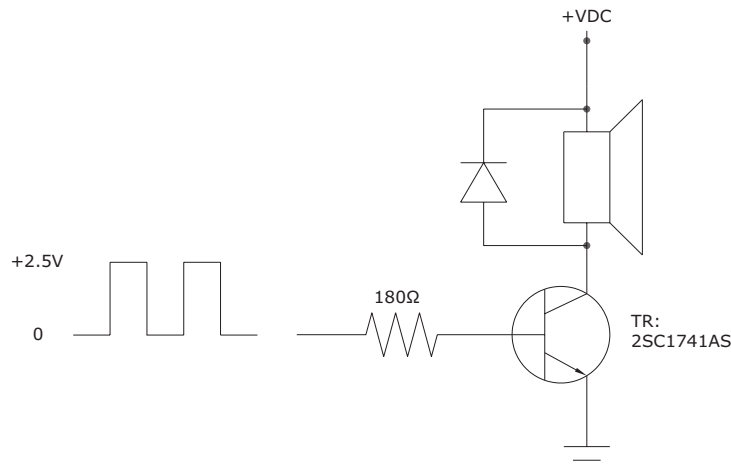
units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



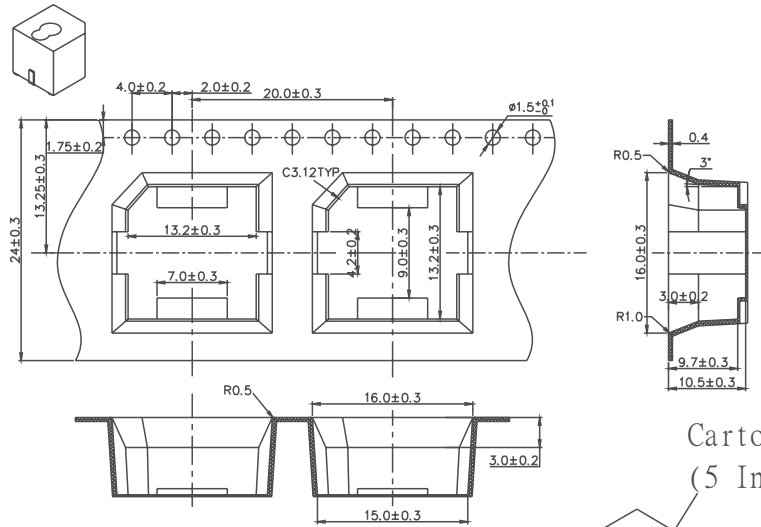
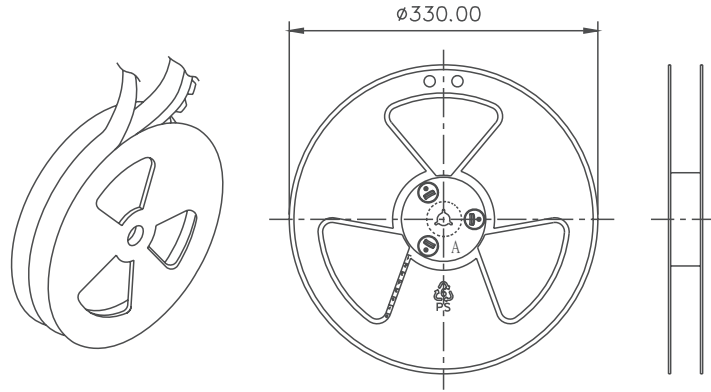
## MEASUREMENT METHOD



## PACKAGING

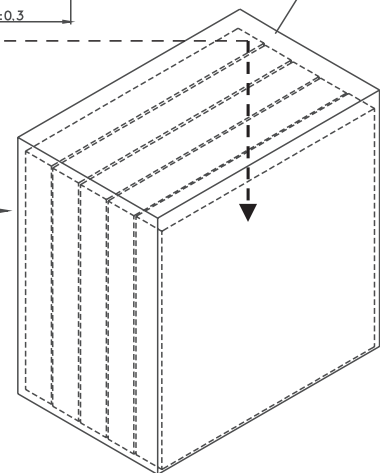
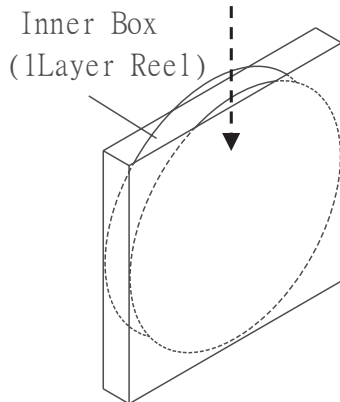
units: mm

Reel Size:  $\varnothing 330$  mm  
 Inner Box Size: 340 x 340 x 33 mm  
 Carton Size: 350 x 175 x 355 mm  
 Reel QTY: 320 pcs per reel  
 Carton QTY: 1,600 pcs per carton



Carton Box  
(5 Inner Box)

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



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

## REVISION HISTORY

rev.	description	date
1.0	initial release	05/01/2006
1.01	applied new template	10/20/2009
1.02	updated part number, added TR package option, applied new spec template	05/03/2013
1.03	added storage and drying conditions, and tape and reel packaging details	07/31/2019
1.04	brand update	01/07/2020
1.05	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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