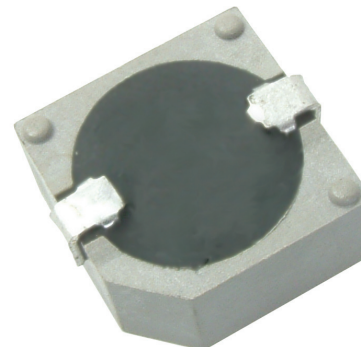


**MODEL:** CT-1212CL-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER INDICATOR**FEATURES**

- surface mount
- washable
- internally driven

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		8		15	Vdc
current consumption				30	mA
rated frequency		2,000	2,400	2,800	Hz
sound pressure level	at 10 cm (A-weight), rated voltage	85	90		dB(A)
dimensions	12.8 x 12.8 x 7.1				mm
weight			2.0		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**

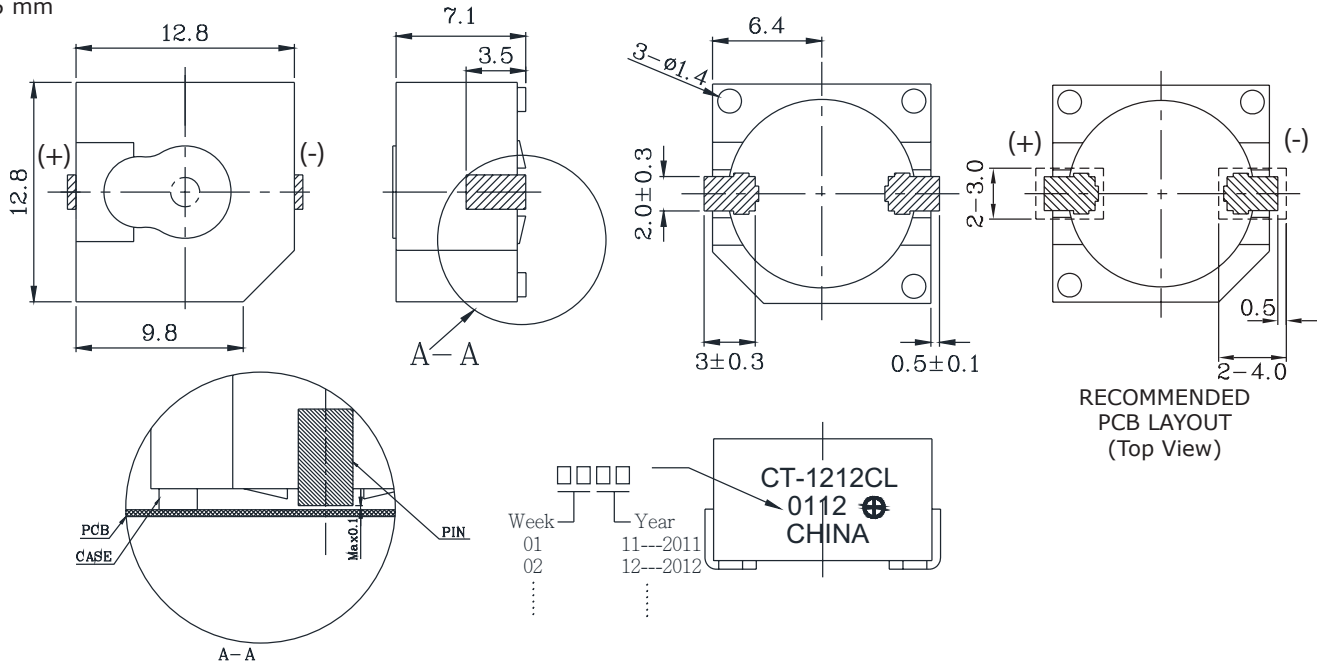
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <40%			25	°C
reflow soldering <sup>2</sup>	see recommended reflow soldering profile			260	°C
drying conditions <sup>3</sup>	bake at 40°C for 24 hours				

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.



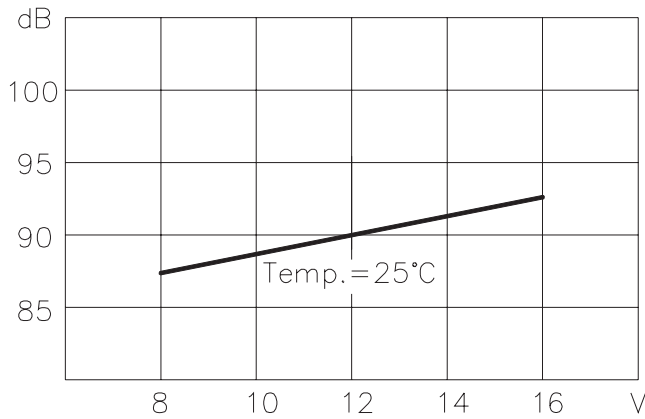
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

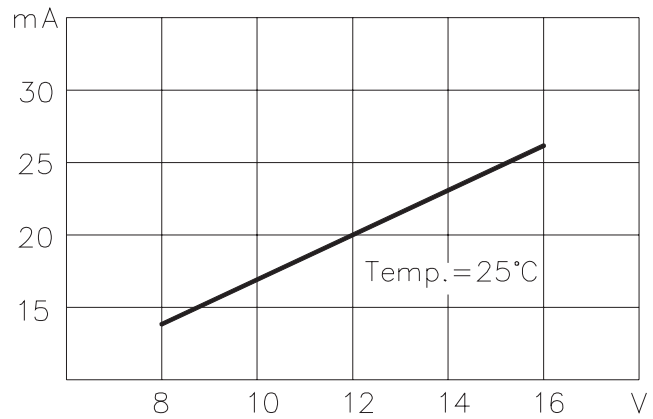


## PERFORMANCE CURVES

Voltage vs. Sound Pressure Level

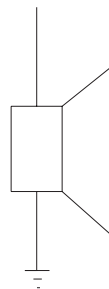


Voltage vs. Current Consumption



## MEASUREMENT METHOD

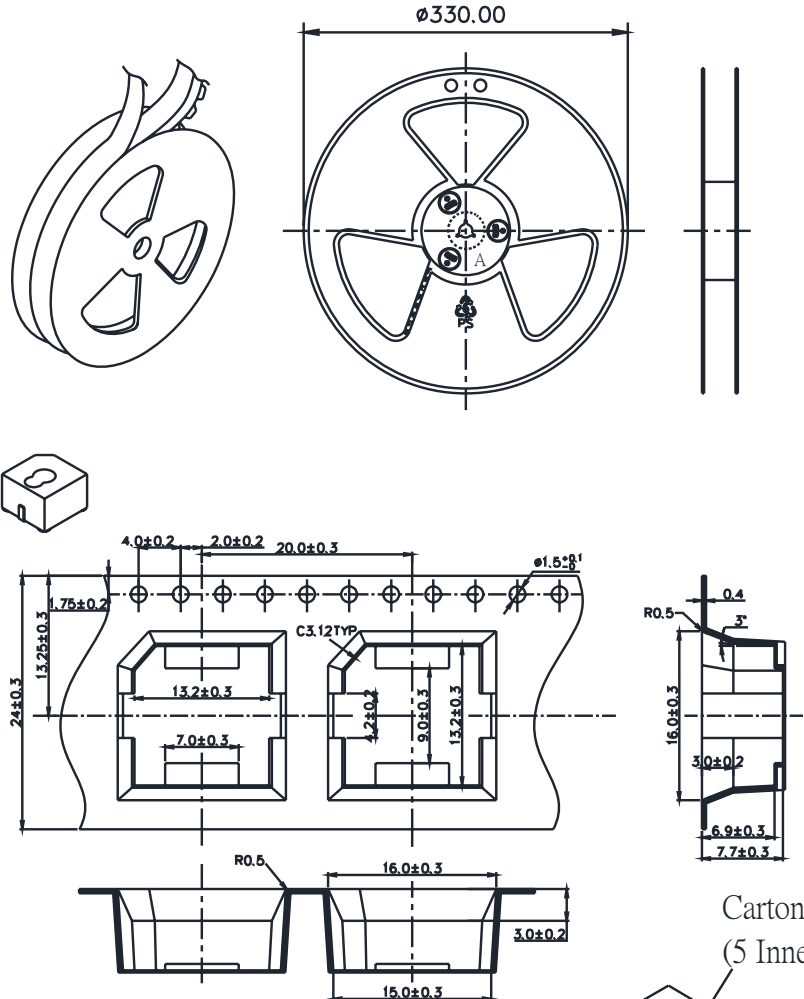
+V DC




## PACKAGING

units: mm

Reel Size: Ø330 mm  
 Inner Box Size: 340 x 340 x 33 mm  
 Carton Size: 350 x 175 x 355 mm  
 Reel QTY: 450 pcs per reel  
 Carton QTY: 2,250 pcs per carton



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

Inner Box  
(1 Layer Reel)

Carton Box  
(5 Inner Box)

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

## REVISION HISTORY

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rev.	description	date
1.0	initial release	09/22/2006
1.01	new template applied	03/29/2010
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

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

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# CUI DEVICES

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

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