CUDEVICES

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

FEATURES

- surface mount
- washable
- internally driven



RoHS

SPECIFICATIONS

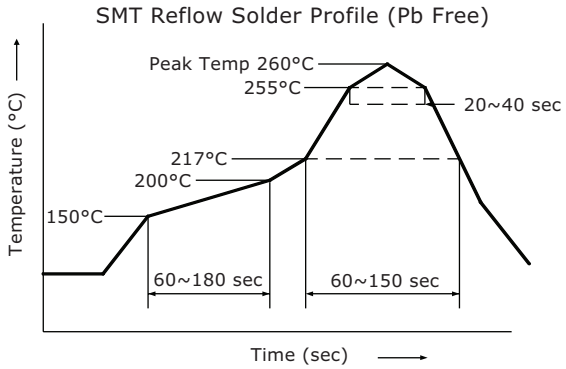
parameter	conditions/description	min	typ	max	units
rated voltage			12		Vdc
operating voltage		8		15	Vdc
current consumption				30	mA
rated frequency		2,200	2,400	2,600	Hz
sound pressure level	at 10 cm (A-weight), rated voltage	85	90		dBA
dimensions	12.8 x 12.8 x 7.1				mm
weight			2.0		g
material	PPS (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

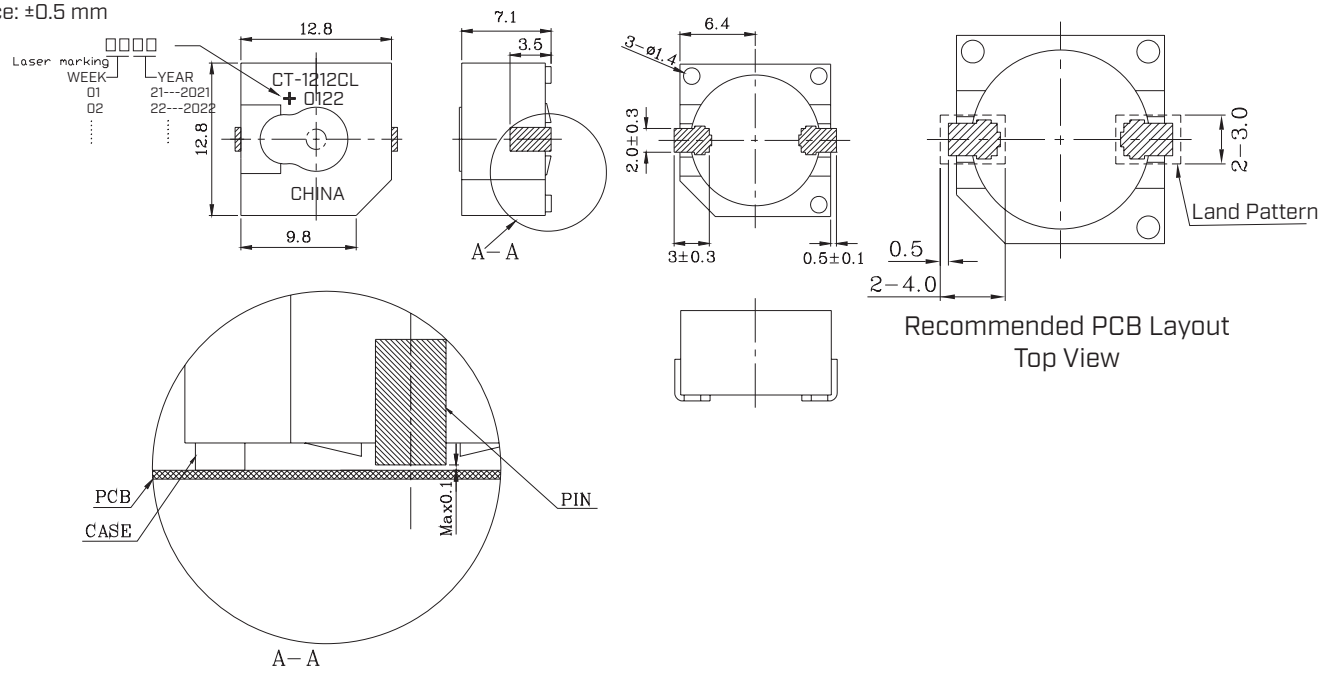
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <40%			25	°C
reflow soldering[2]	see recommended reflow soldering profile			260	°C
drying conditions[3]	bake at 40°C for 24 hours				

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.



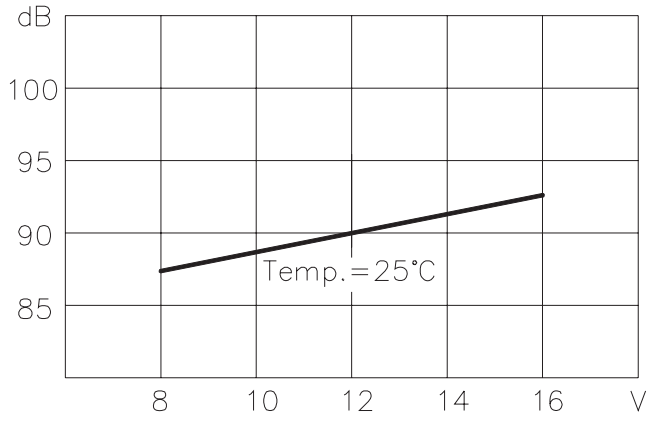
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

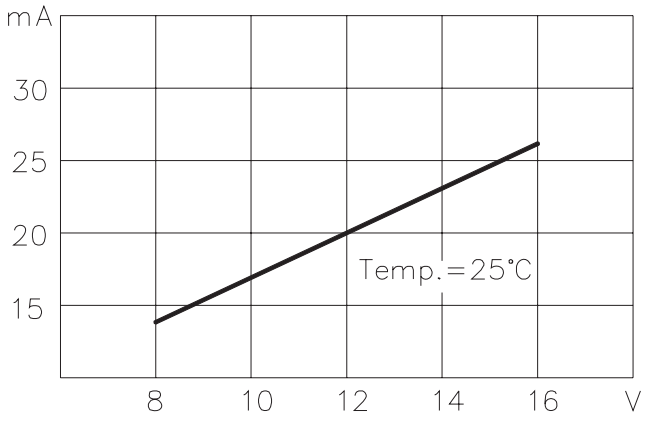


PERFORMANCE CURVES

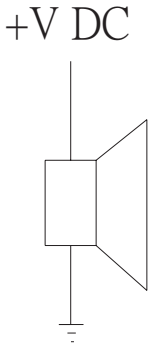
Voltage vs. Sound Pressure Level



Voltage vs. Current Consumption



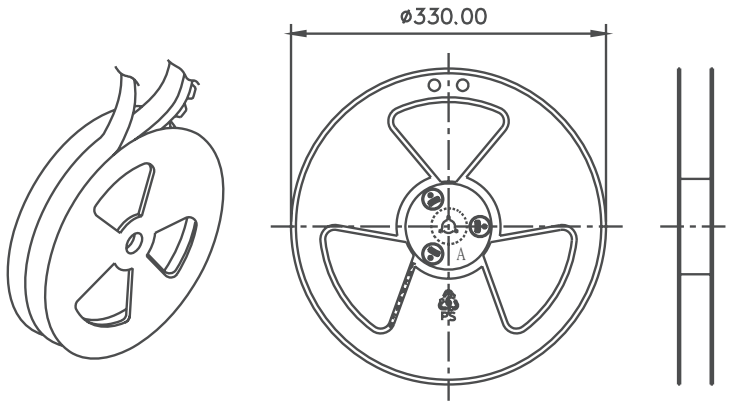
MEASUREMENT METHOD

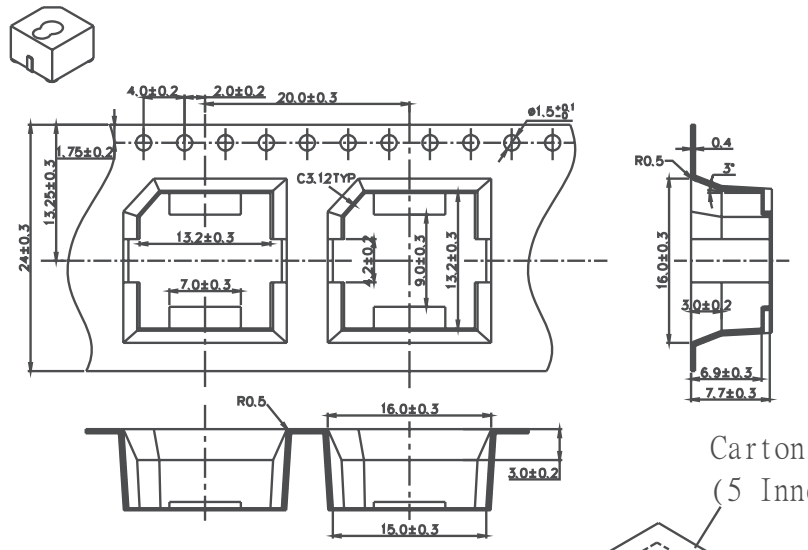


PACKAGING

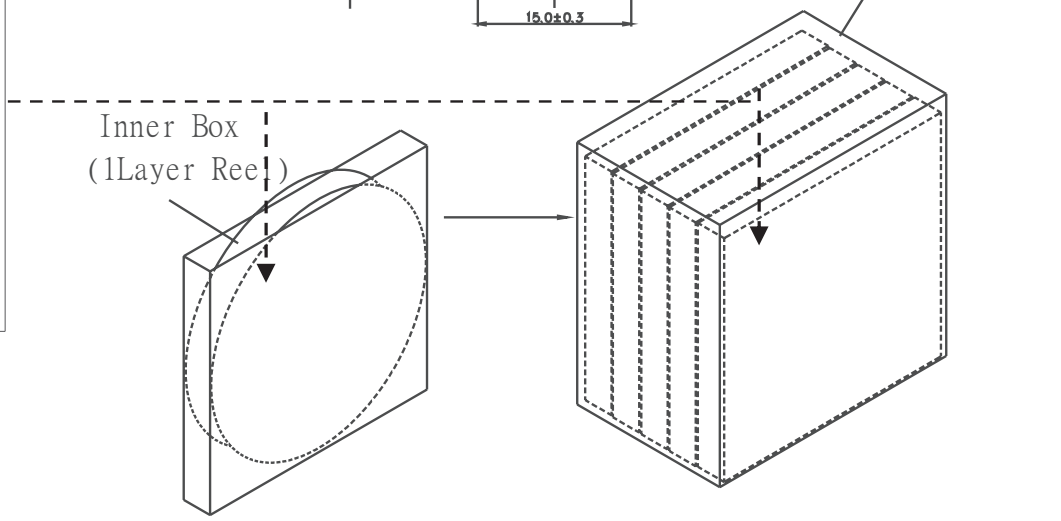
units: mm

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	G



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

REVISION HISTORY

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
1.05	logo, datasheet style update	08/05/2022
1.06	made the tolerance on the rated frequency tighter, moved the printing to the top of the part	12/14/2022

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

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