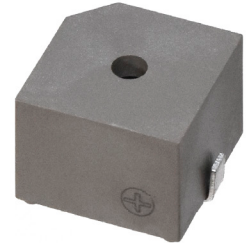


**MODEL:** CMI-1210-90-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER INDICATOR**FEATURES**

- surface mount
- 90 dB
- magnetic
- internally driven

**SPECIFICATIONS**

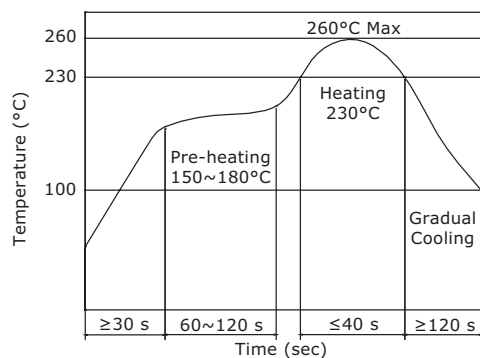
| parameter             | conditions/description                 | min   | typ   | max   | units |
|-----------------------|----------------------------------------|-------|-------|-------|-------|
| rated voltage         |                                        |       | 5     |       | Vdc   |
| operating voltage     |                                        | 3     |       | 7     | Vdc   |
| current consumption   | at rated voltage                       |       |       | 30    | mA    |
| rated frequency       |                                        | 2,000 | 2,300 | 2,600 | Hz    |
| sound pressure level  | at 10 cm, rated voltage                | 90    |       |       | dB    |
| dimensions            | 12.8 x 12.8 x 10                       |       |       |       | mm    |
| weight                |                                        |       | 2.0   |       | g     |
| material              | PPS                                    |       |       |       |       |
| terminal              | surface mount (brass with tin plating) |       |       |       |       |
| operating temperature |                                        | -40   |       | 85    | °C    |
| storage temperature   |                                        | -40   |       | 85    | °C    |
| RoHS                  | yes                                    |       |       |       |       |

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

**SOLDERABILITY**

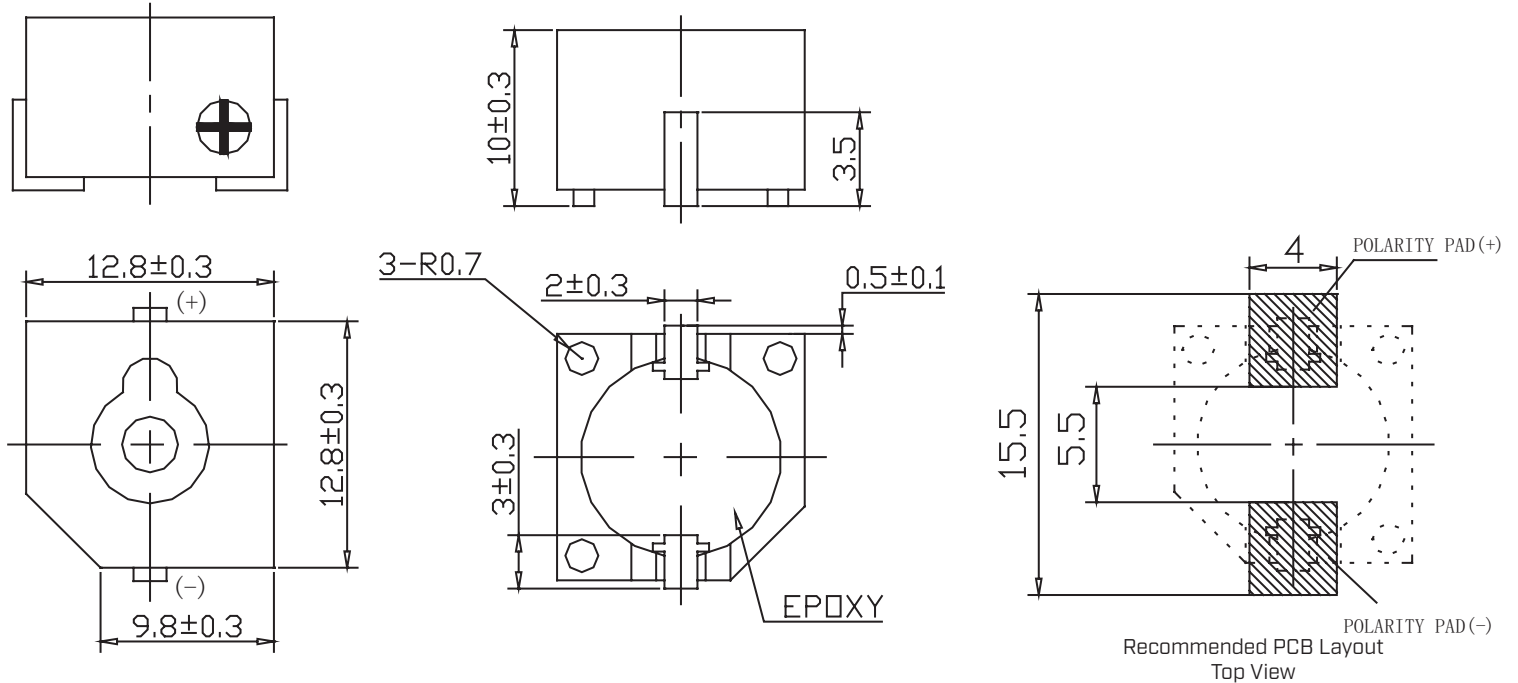
| parameter                      | conditions/description                   | min | typ | max | units |
|--------------------------------|------------------------------------------|-----|-----|-----|-------|
| reel storage                   | at relative humidity <60%                |     |     | 25  | °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.



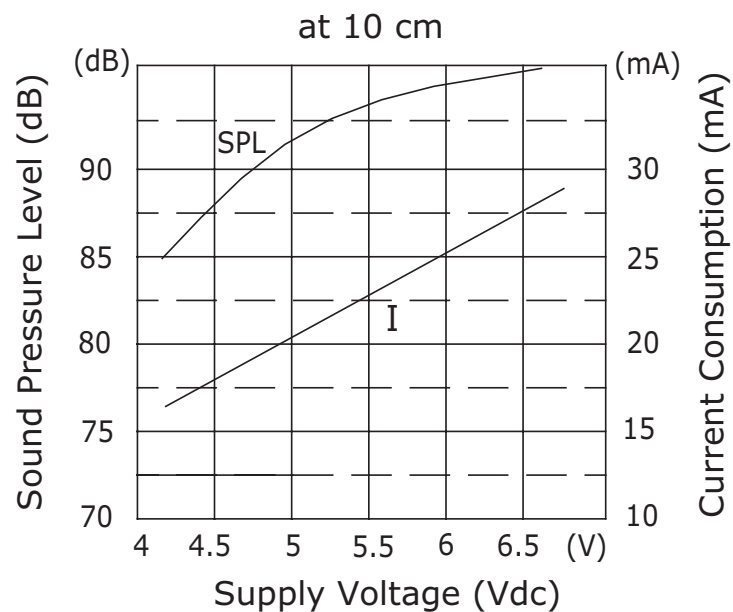
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## PERFORMANCE CURVES

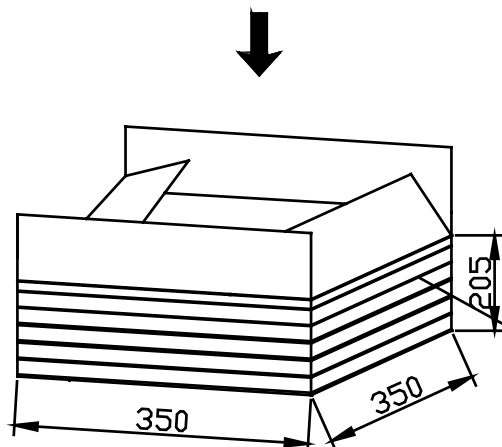
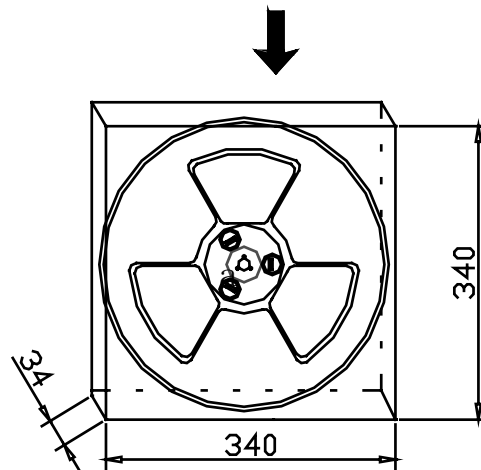
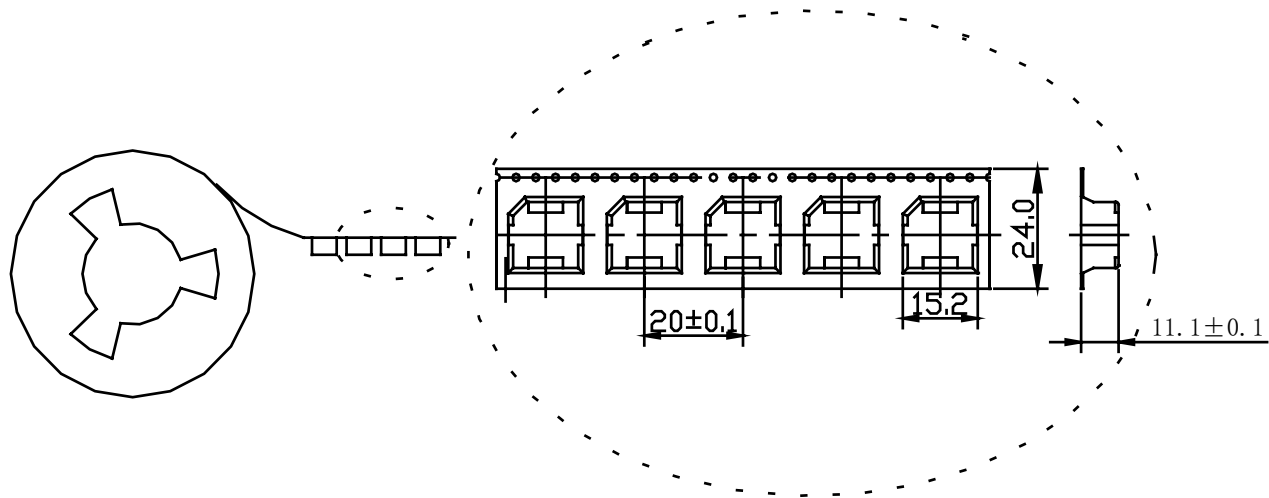
SPL: Voltage vs. Sound Pressure Level  
I: Voltage vs. Current Consumption



## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm  
Reel QTY: 320 pcs per reel  
Carton Size: 350 x 350 x 205 mm  
Carton QTY: 1,600 pcs per carton



MODEL:  
QTY: 1600PCS  
N.W: 3.2Kg  
G.W: 5.2Kg  
SIZE: 35\*35\*20.5  
LOT NO:

## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 07/11/2019 |
| 1.01 | brand update                 | 12/12/2019 |
| 1.02 | 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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