

**MODEL:** CMT-1285C-035 | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- externally driven
- wave solderable
- 91 dB SPL

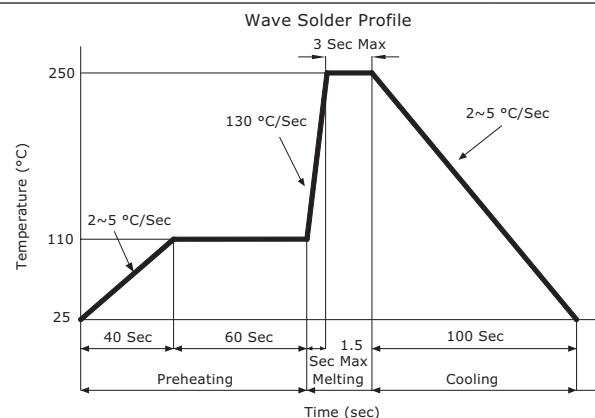
**SPECIFICATIONS**

| parameter             | conditions/description                                                                 | min  | typ   | max  | units |
|-----------------------|----------------------------------------------------------------------------------------|------|-------|------|-------|
| rated voltage         | Vo-p  |      | 3.5   |      | Vo-p  |
| operating voltage     |                                                                                        | 3.0  |       | 5.0  | Vo-p  |
| current consumption   | at rated voltage, 2,048 Hz square wave, ½ duty                                         |      |       | 70   | mA    |
| rated frequency       |                                                                                        |      | 2,048 |      | Hz    |
| sound pressure level  | at 10 cm [A-weight], rated voltage, 2,048 Hz square wave, ½ duty                       | 85   | 91    |      | dBA   |
| coil resistance       |                                                                                        | 13.6 | 16    | 18.4 | Ω     |
| dimensions            | Ø12.0 x 8.5                                                                            |      |       |      | mm    |
| weight                |                                                                                        |      | 1.4   |      | g     |
| material              | PPD                                                                                    |      |       |      |       |
| terminal              | pin type [Au plating]                                                                  |      |       |      |       |
| operating temperature |                                                                                        | -20  |       | 60   | °C    |
| storage temperature   |                                                                                        | -30  |       | 70   | °C    |
| RoHS                  | yes                                                                                    |      |       |      |       |

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

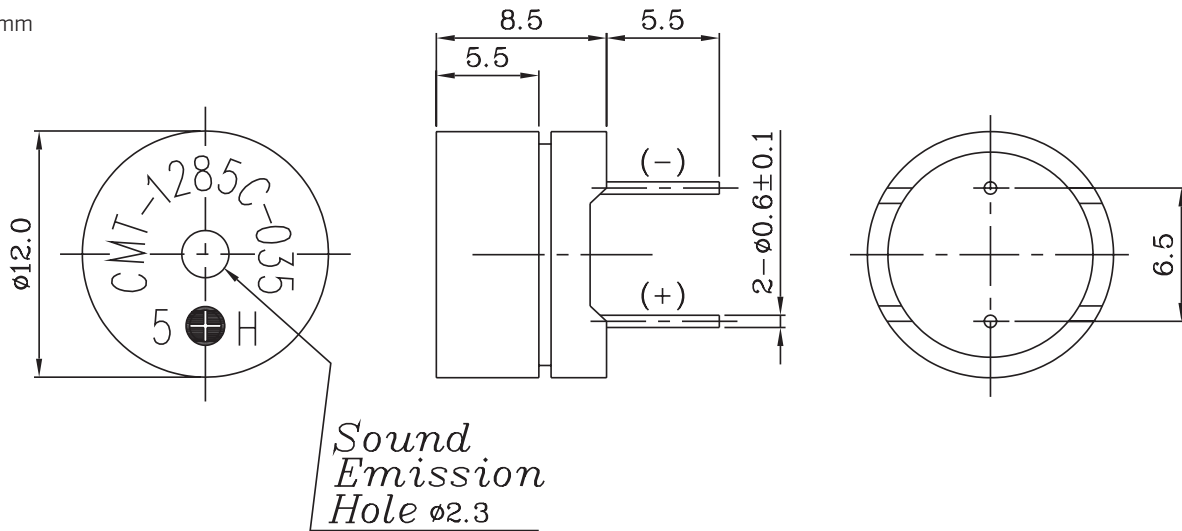
**SOLDERABILITY**

| parameter      | conditions/description                 | min | typ | max | units |
|----------------|----------------------------------------|-----|-----|-----|-------|
| wave soldering | see recommended wave soldering profile |     |     | 250 | °C    |

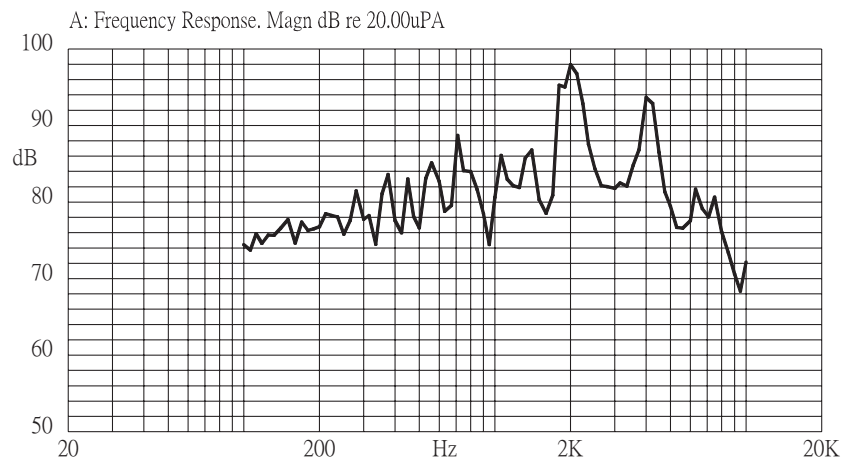


## MECHANICAL DRAWING

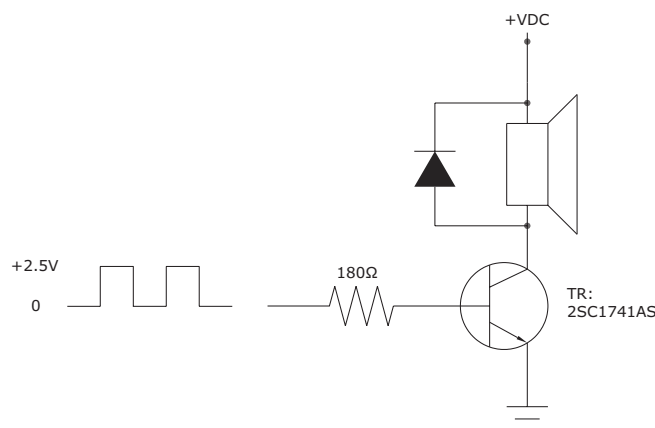
units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



## MEASUREMENT METHOD



## PACKAGING

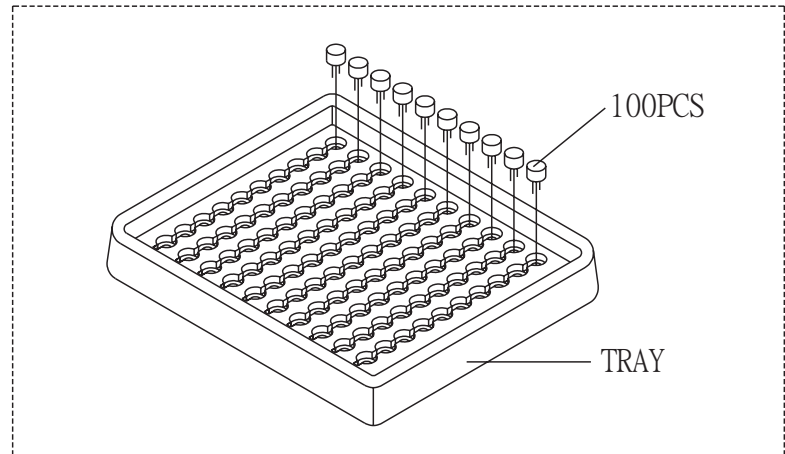
units: mm

Tray Size: 184 x 180 x 23 mm

Carton Size: 440 x 400 x 310 mm

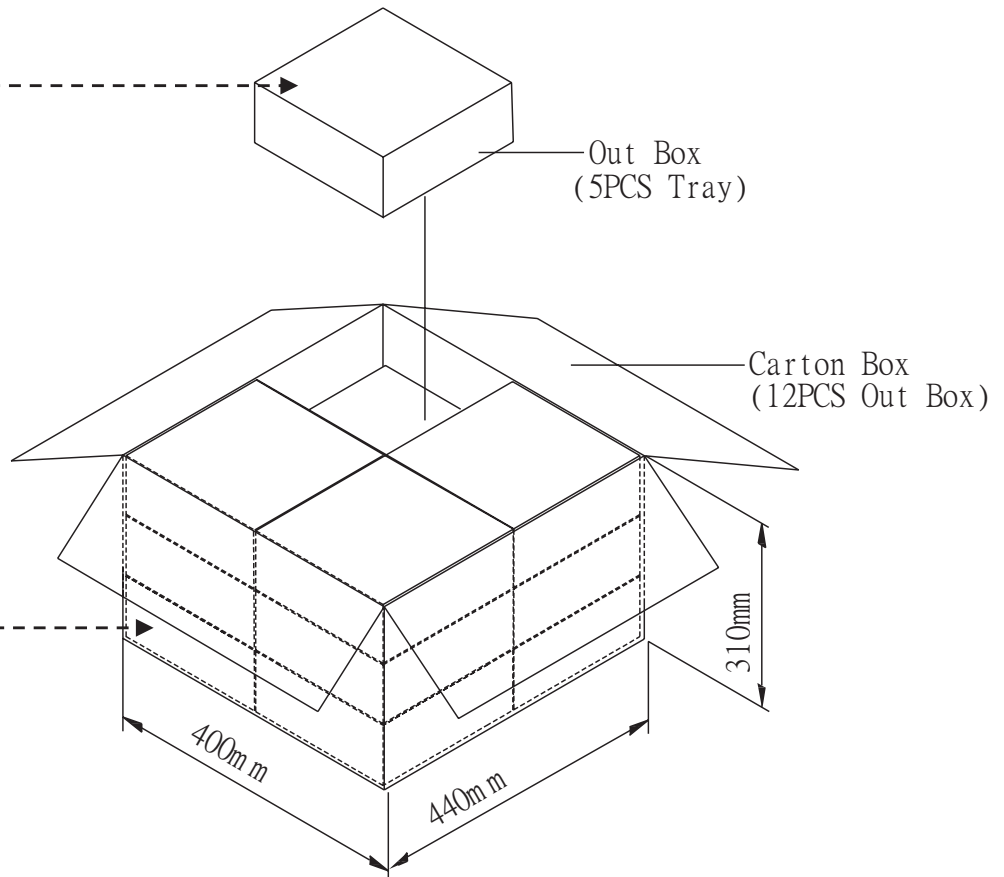
Tray QTY: 100 pcs per tray

Carton QTY: 6,000 pcs per carton



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

The label is placed on the inner boxes and outer carton.



## REVISION HISTORY

| rev. | description                  | date       |
|------|------------------------------|------------|
| 1.0  | initial release              | 03/31/2016 |
| 1.01 | brand update                 | 12/11/2019 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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