

**MODEL:** CPT-1495CI-300 | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER
**FEATURES**

- externally driven
- wave solderable
- IP67 rated

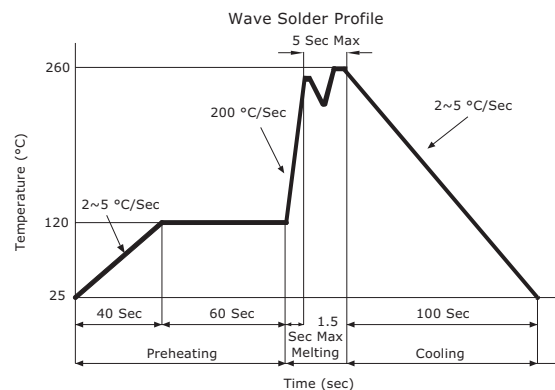
**SPECIFICATIONS**

| parameter              | conditions/description                     | min    | typ    | max    | units |
|------------------------|--------------------------------------------|--------|--------|--------|-------|
| operating voltage      |                                            |        |        | 30     | Vp-p  |
| current consumption    | at 10 Vp-p, 4,250 Hz square wave           |        |        | 12     | mA    |
| rated frequency        |                                            |        | 4,250  |        | Hz    |
| sound pressure level   | at 10 cm, 10 Vp-p, 4,250 Hz square wave    | 84     |        |        | dB    |
| electrostatic capacity | at 1,000 Hz/1 V                            | 14,000 | 20,000 | 26,000 | pF    |
| dimensions             | Ø14.0 x 10.0                               |        |        |        | mm    |
| weight                 |                                            |        |        | 2.60   | g     |
| material               | PBT+15% Glass                              |        |        |        |       |
| terminal               | pin type (Au plating)                      |        |        |        |       |
| operating temperature  |                                            | -30    |        | 85     | °C    |
| storage temperature    |                                            | -40    |        | 95     | °C    |
| RoHS                   | 2011/65/EU                                 |        |        |        |       |
| IP level               | IP67 (IEC standard 529 edition 2.0 (1989)) |        |        |        |       |

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

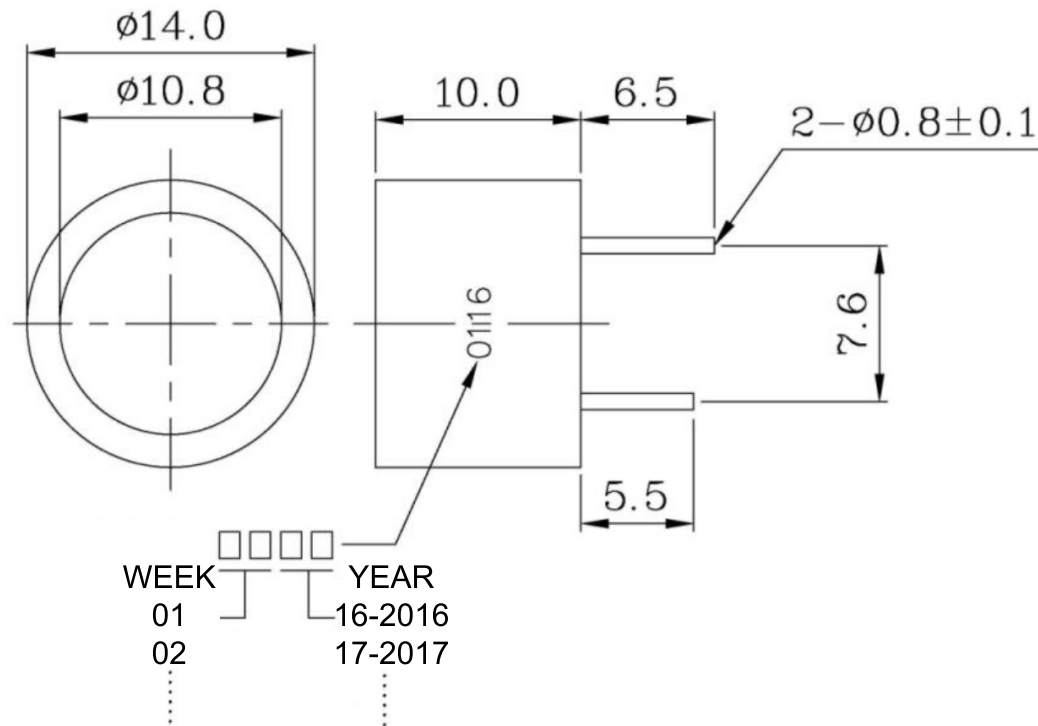
**SOLDERABILITY**

| parameter      | conditions/description                 | min | typ | max | units |
|----------------|----------------------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 5 seconds                  | 330 |     | 380 | °C    |
| wave soldering | see recommended wave soldering profile |     |     | 260 | °C    |



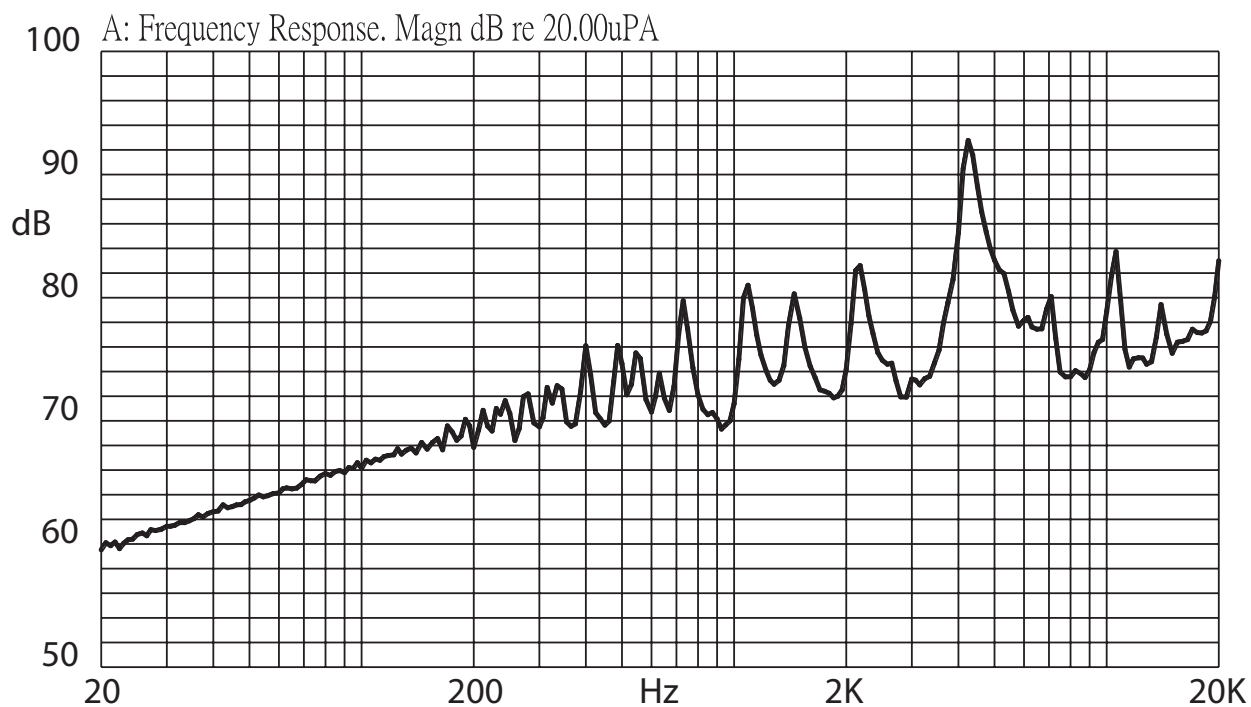
## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



Note 1. Part is designed as a sealed transducer to protect inner structure.

## FREQUENCY RESPONSE CURVE



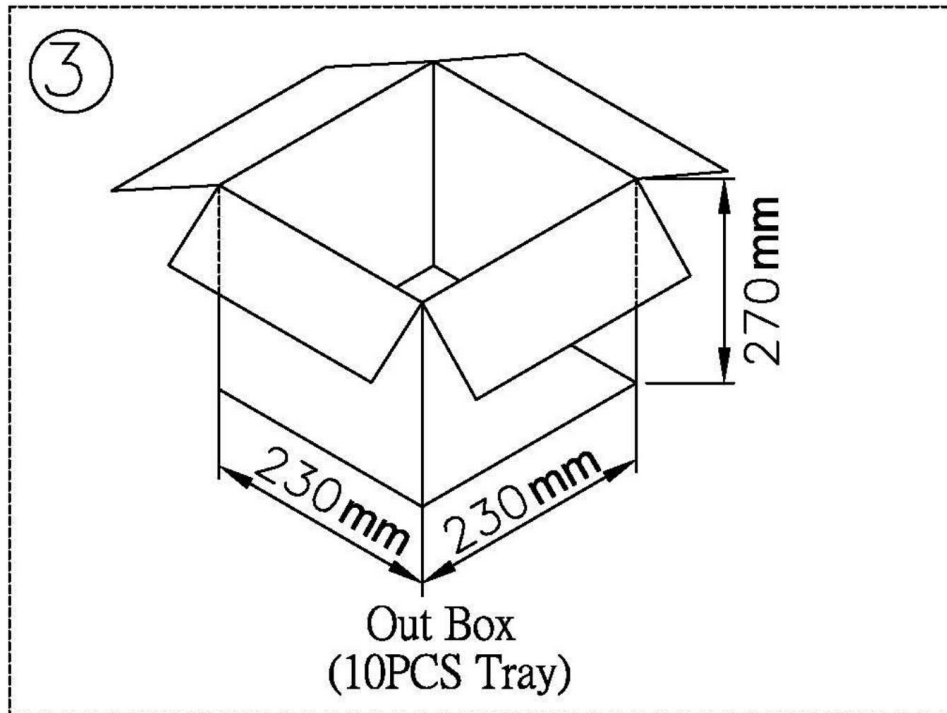
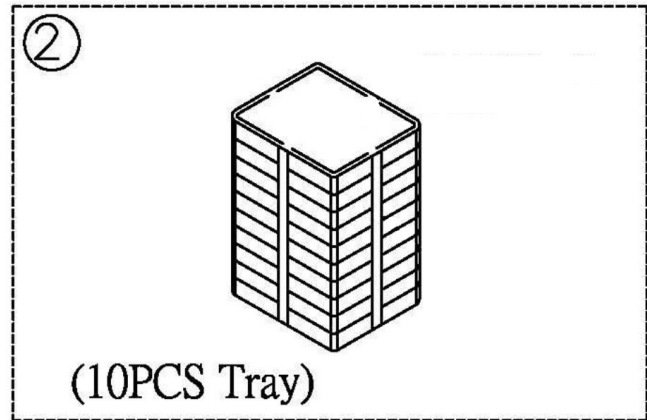
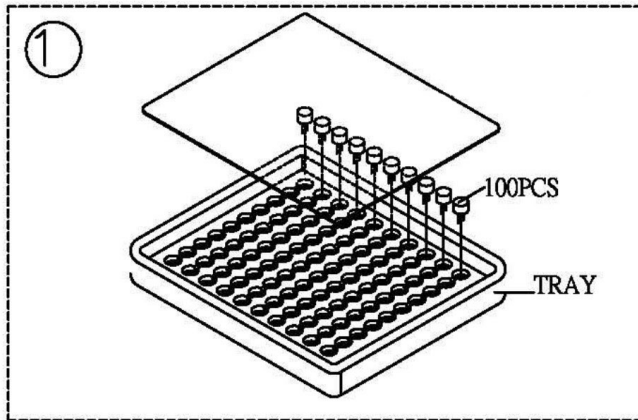
## PACKAGING

units: mm

Carton Size: 230 x 230 x 270 mm

Tray QTY: 100 pcs per tray

Carton QTY: 1,000 pcs per carton



|               |                          |
|---------------|--------------------------|
| Lot No.       | XXXXXXXXXX               |
| Model No.     | XXXXXXXXXX<br>XXXXXXXXXX |
| Quantity.     | XXXX Pcs                 |
| Date:         | DD MM YY                 |
| MADE IN CHINA |                          |
| CUI Inc       |                          |

**RoHS Compliant**

## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 03/30/2016 |

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



**CUI INC<sup>®</sup>**

**Headquarters**  
20050 SW 112th Ave.  
Tualatin, OR 97062  
**800.275.4899**

Fax 503.612.2383  
**cui.com**  
techsupport@cui.com

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

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# Mouser Electronics

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