


MODEL: CST-931AP | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- top port
- 85 db SPL minimum
- externally driven



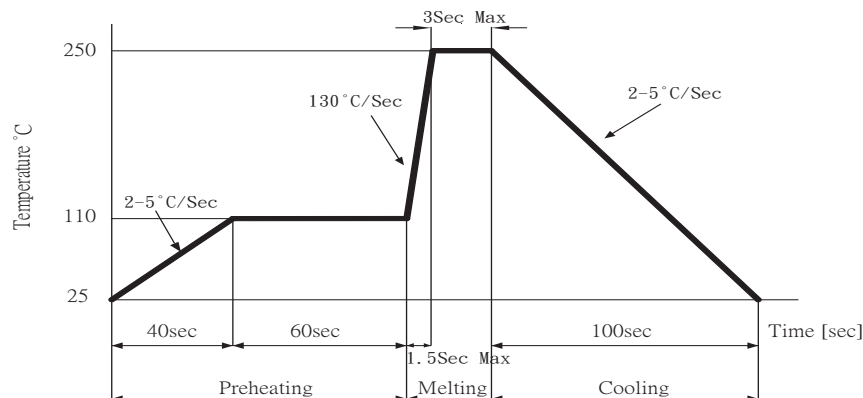
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---|------|-------|------|-------|
| rated voltage |  | | 3.0 | | Vo-p |
| operating voltage | | 2.0 | | 4.0 | Vo-p |
| current consumption | at rated voltage, 2,730 Hz square wave, 1/2 duty | | | 80 | mA |
| rated frequency | | | 2,730 | | Hz |
| sound pressure level | at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, 1/2 duty | 85 | 92 | | dba |
| coil resistance | | 12.7 | 15.0 | 17.3 | Ω |
| dimensions | ∅9.0 x 4.5 | | | | mm |
| weight | | | 0.65 | | g |
| material | PBT | | | | |
| terminal | pin type (Au plating) | | | | |
| operating temperature | | -30 | | 70 | °C |
| storage temperature | | -30 | | 80 | °C |
| RoHS | yes | | | | |

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

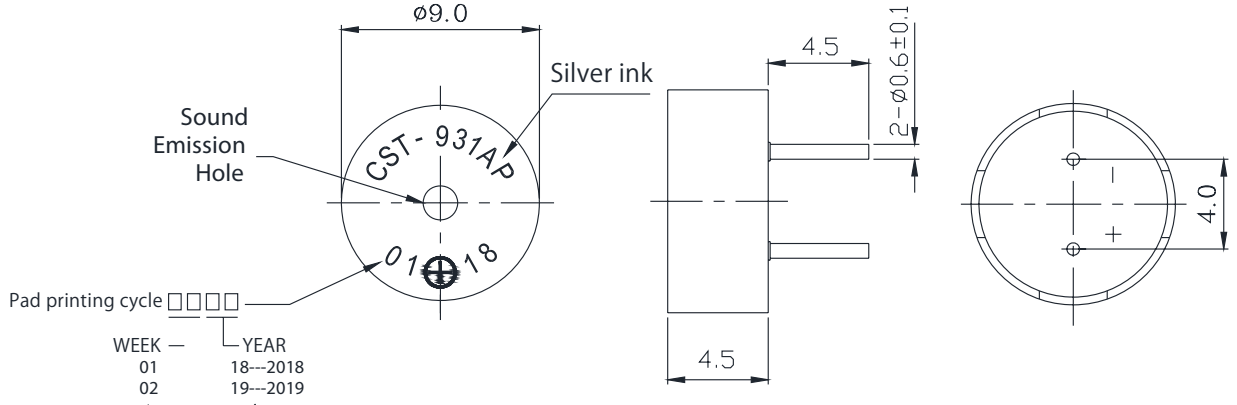
SOLDERABILITY

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

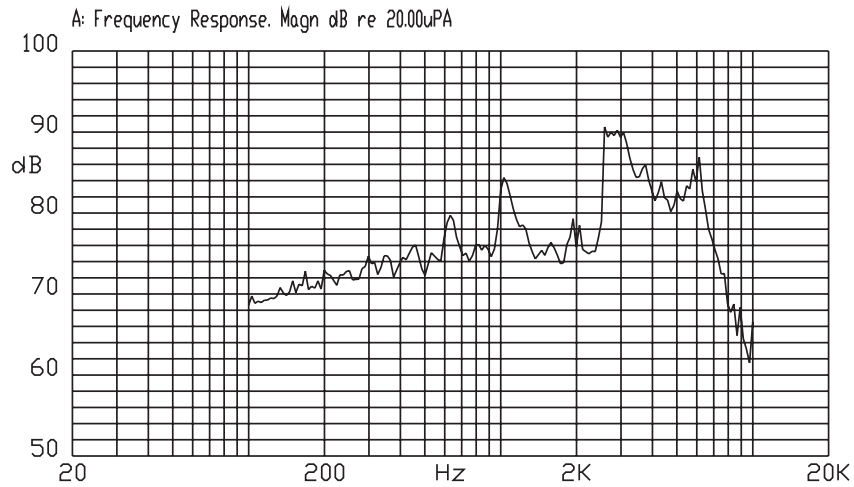


MECHANICAL DRAWING

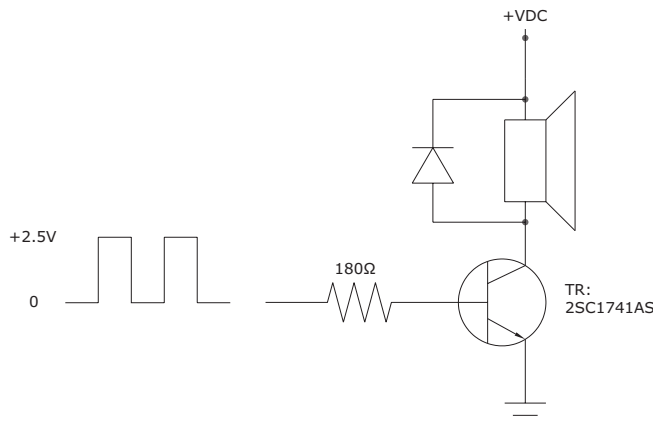
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE

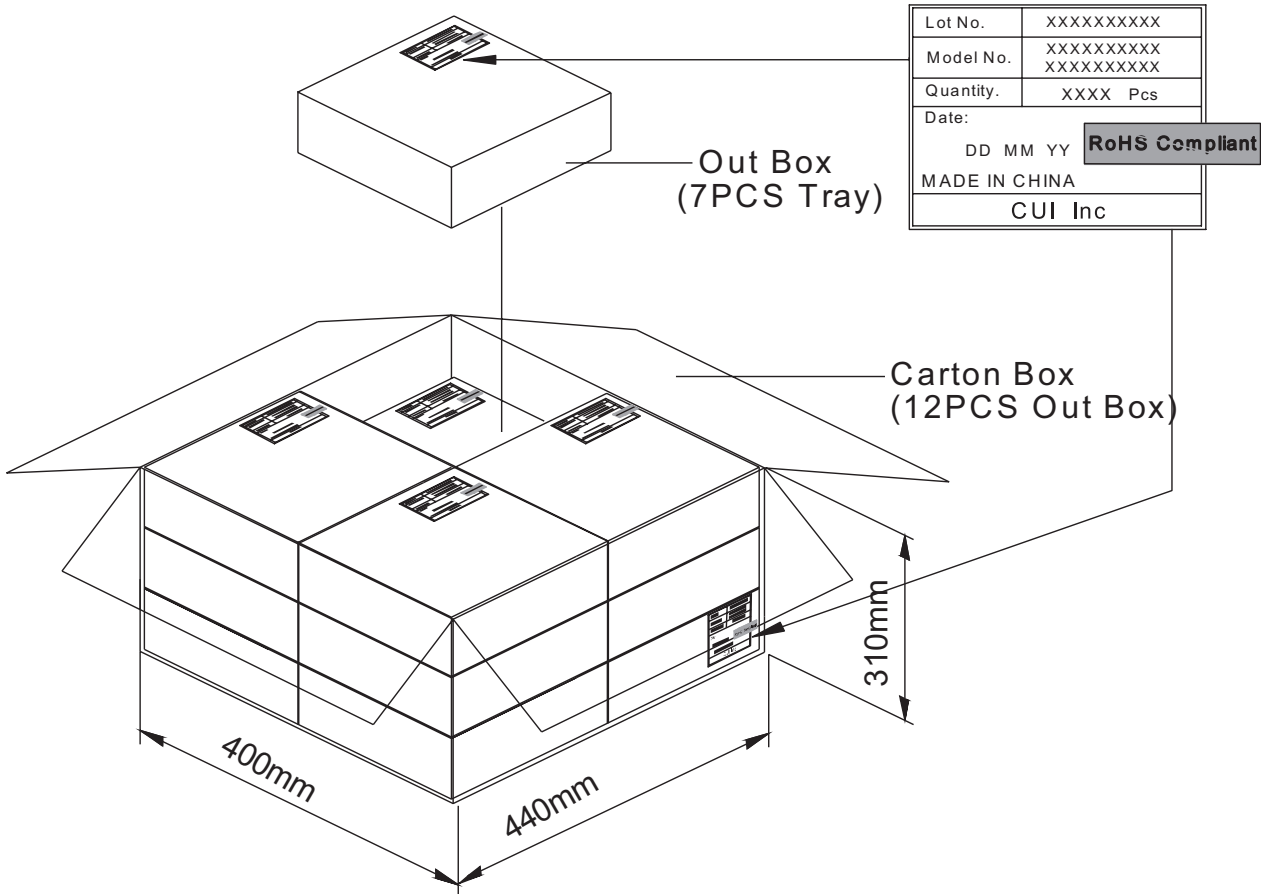
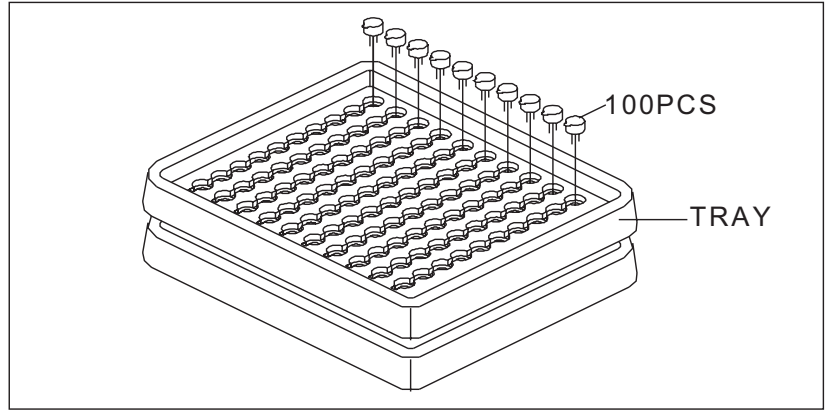


MEASUREMENT METHOD



PACKAGING

Tray Size: 184 x 184 x 23 mm
 Internal Box Size: 200 x 190 x 100 mm
 Carton Size: 440 x 400 x 310 mm
 QTY: 8,400 pcs (100 x 7 x 12)



REVISION HISTORY

| rev. | description | date |
|------|--|------------|
| 1.0 | initial release | 01/30/2006 |
| 1.01 | applied new spec template | 01/14/2016 |
| 1.02 | changed to single plastic housing design | 08/27/2018 |

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



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