




MODEL: CMT-1209H-390T | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- round
- 5 mm pin pitch
- rated frequency 4096 Hz



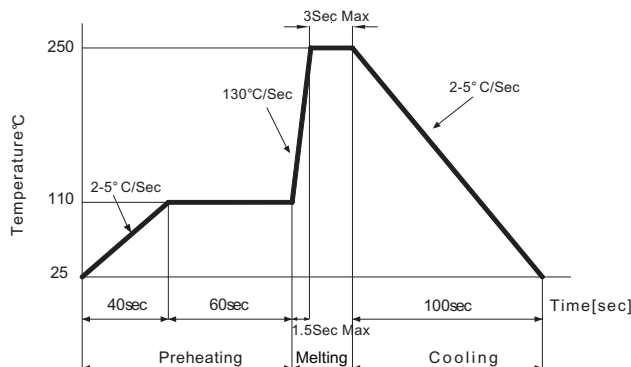
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|--|-----|-------|-----|-------|
| rated voltage | Vo-p  | | 3.0 | | Vo-p |
| operating voltage | | 2.0 | | 5.0 | Vo-p |
| current consumption | at rated voltage, 4,096 Hz, ½ duty square wave | | | 65 | mA |
| rated frequency | | | 4,096 | | Hz |
| sound pressure level | at 10 cm, rated voltage, 4,096 Hz, ½ duty square wave | 85 | 90 | | dB(A) |
| coil resistance | | 13 | 16 | 19 | Ω |
| dimensions | ∅12.0 x 9.0 | | | | mm |
| weight | | | | 1.8 | g |
| material | PBT (black) | | | | |
| terminal | pins (tin plating) | | | | |
| operating temperature | | -35 | | 80 | °C |
| storage temperature | | -40 | | 85 | °C |
| washable | yes | | | | |
| RoHS | yes | | | | |

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

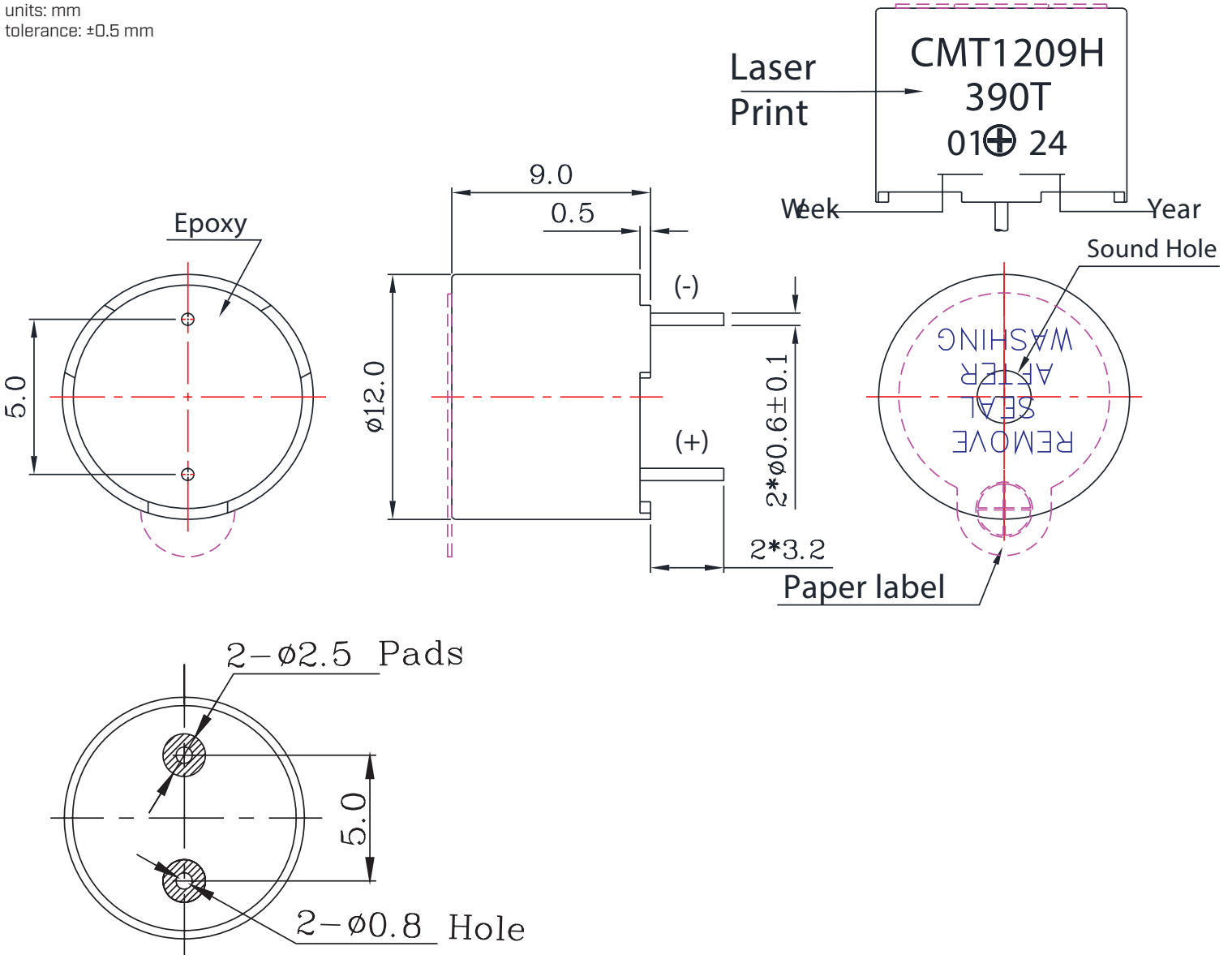
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|--|-----|-----|-----|-------|
| hand soldering | for maximum 3 seconds | 330 | | 360 | °C |
| wave soldering | see recommended wave soldering profile | | | 250 | °C |



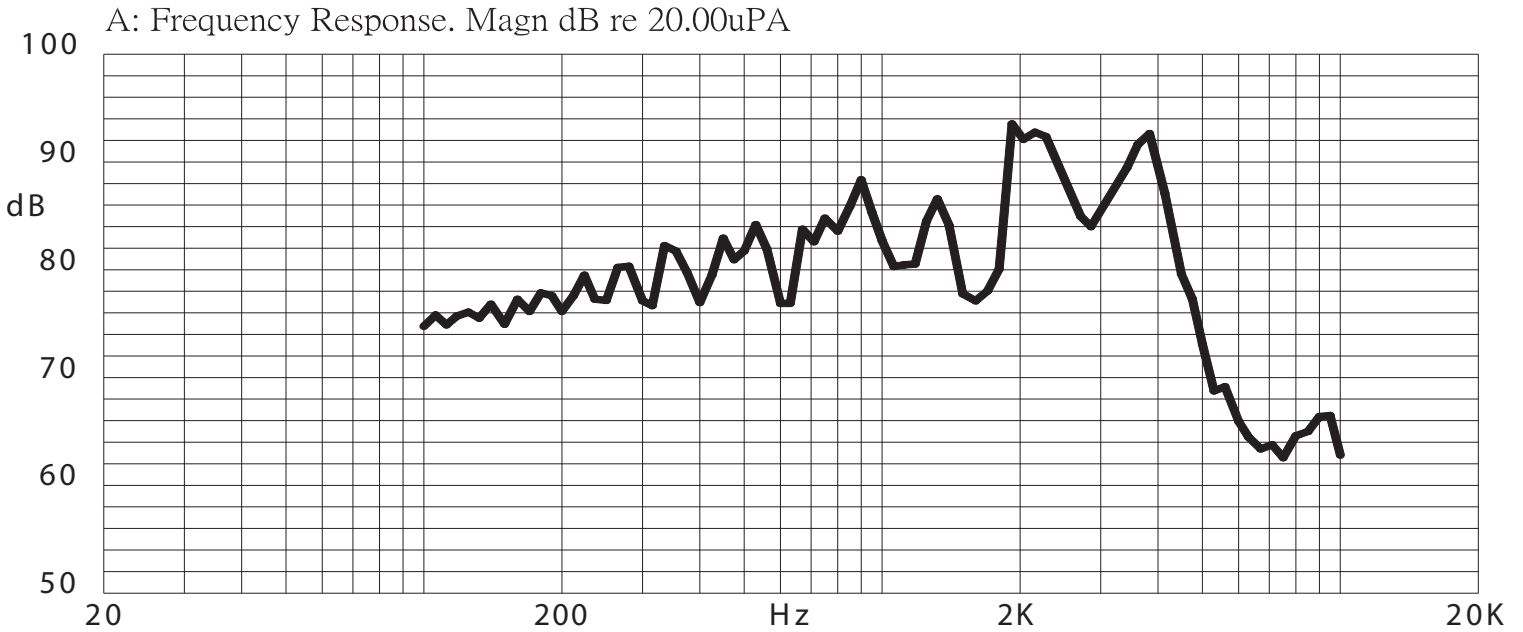
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

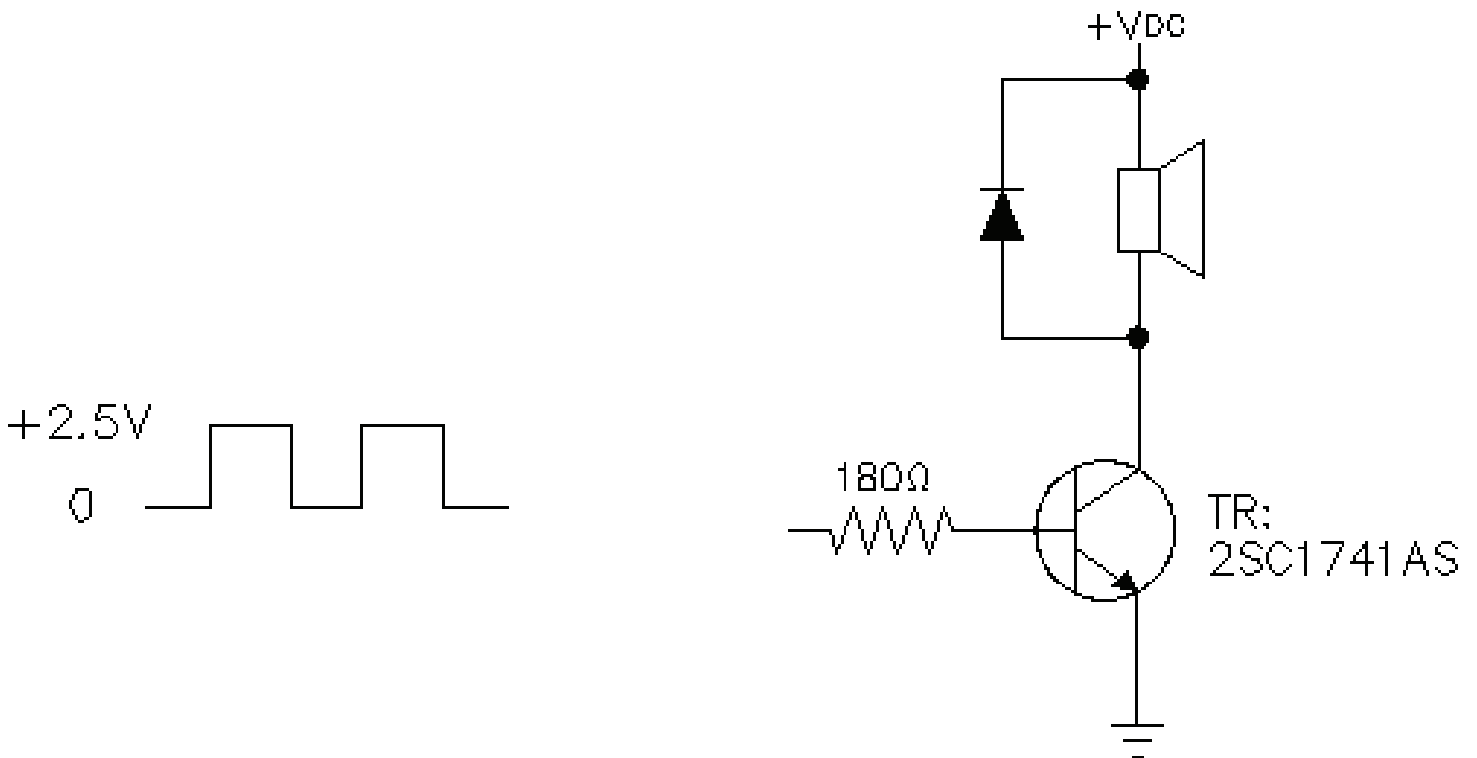


Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



APPLICATION CIRCUIT



REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 04/30/2024 |

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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