

MODEL: CEM-1201S | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

FEATURES

- through hole
- 1.5 V rated
- externally driven



RoHS

SPECIFICATIONS

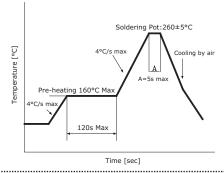
| parameter | conditions/description | min | typ | max | units |
|-----------------------|--|-----|-------|-----|-------|
| rated voltage | | | 1.5 | | Vo-p |
| operating voltage | | 1.0 | | 3.0 | Vo-p |
| current consumption | at rated voltage, 2,400 Hz square wave, ½ duty | | | 40 | mA |
| rated frequency | | | 2,400 | | Hz |
| sound pressure level | at 10 cm (A-weight), rated voltage, 2,400 Hz square wave, ½ duty | 80 | 88 | | dBA |
| coil resistance | | 13 | 16 | 19 | Ω |
| dimensions | Ø12.0 x 9.5 | | | | mm |
| weight | | | 1.6 | | g |
| material | PBT | | | | |
| terminal | pin type (Au plating) | | | | |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -30 | | 70 | °C |
| washable | yes | | | | |
| RoHS | Ves | | | | |

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

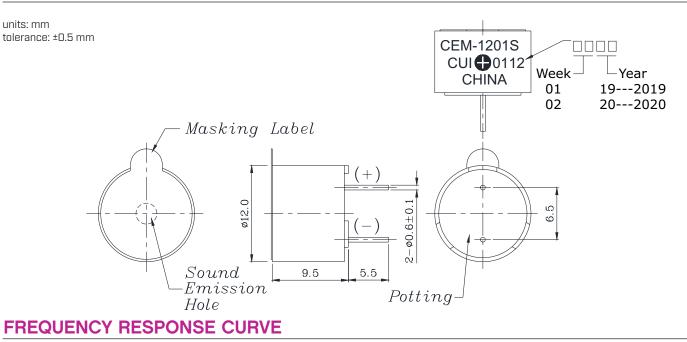
SOLDERABILITY

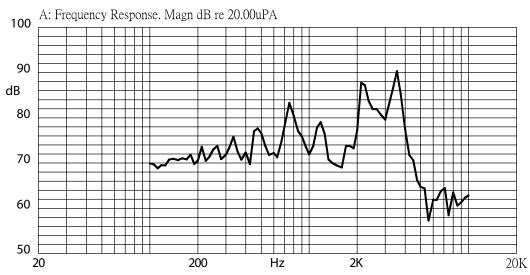
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| parameter | conditions/description | min | typ | max | units |
|----------------|-------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 2 seconds | 330 | | 380 | °C |
| wave soldering | see wave solder profile | 255 | 260 | 265 | °C |

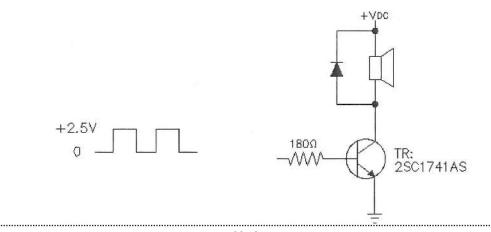


MECHANICAL DRAWING





APPLICATION CIRCUIT



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 09/06/2006 |
| 1.01 | brand update | 12/20/2019 |
| 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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