



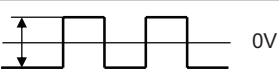
MODEL: CPT-1207-5LTH-T | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- no driving circuit
- piezo
- 16 mm pin length



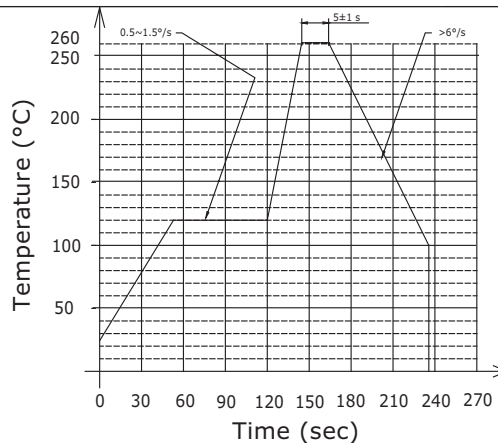
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---------------------------|--|-------|--------|--------|-------|
| rated voltage | Vp-p  | | 5 | | Vp-p |
| operating voltage | | 1 | | 25 | Vp-p |
| current consumption | at rated voltage, 4,000 Hz, ½ duty square wave | | | 2 | mA |
| rated frequency | | | 4,000 | | Hz |
| sound pressure level | at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave | 85 | | | dB |
| electrostatic capacitance | at 100 Hz, 1 V | 8,400 | 12,000 | 15,600 | pF |
| dimensions | ∅12.5 x 7.0 | | | | mm |
| weight | | | 4.7 | | g |
| material | PBT (black) | | | | |
| terminal | pins (brass with tin plating) | | | | |
| operating temperature | | -30 | | 85 | °C |
| storage temperature | | -40 | | 85 | °C |
| washable | no | | | | |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 25±2°C, humidity at 45-65%, under 86-106 kPa pressure, unless otherwise noted.

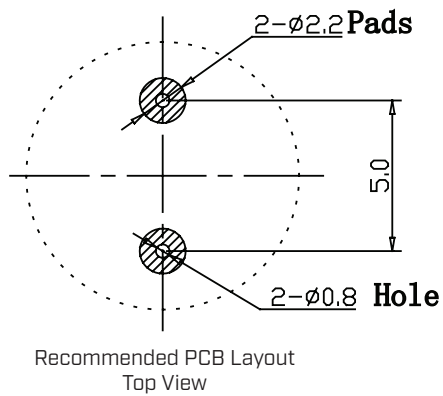
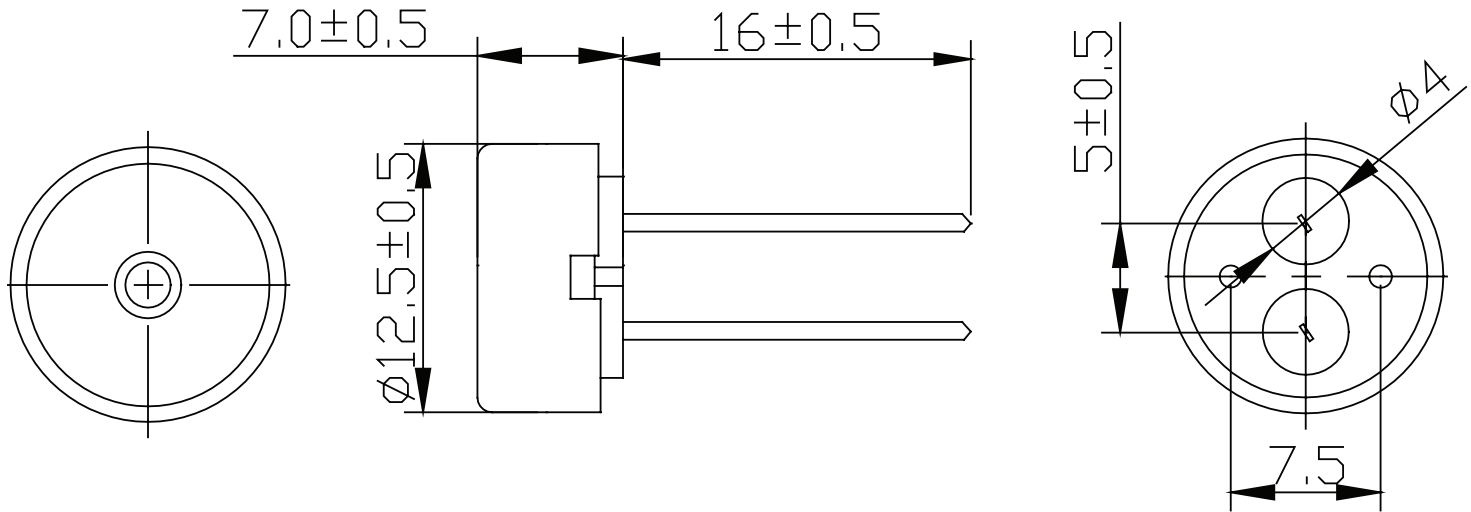
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|----------------------------|-----|-----|-----|-------|
| wave soldering | see wave soldering profile | | | 260 | °C |

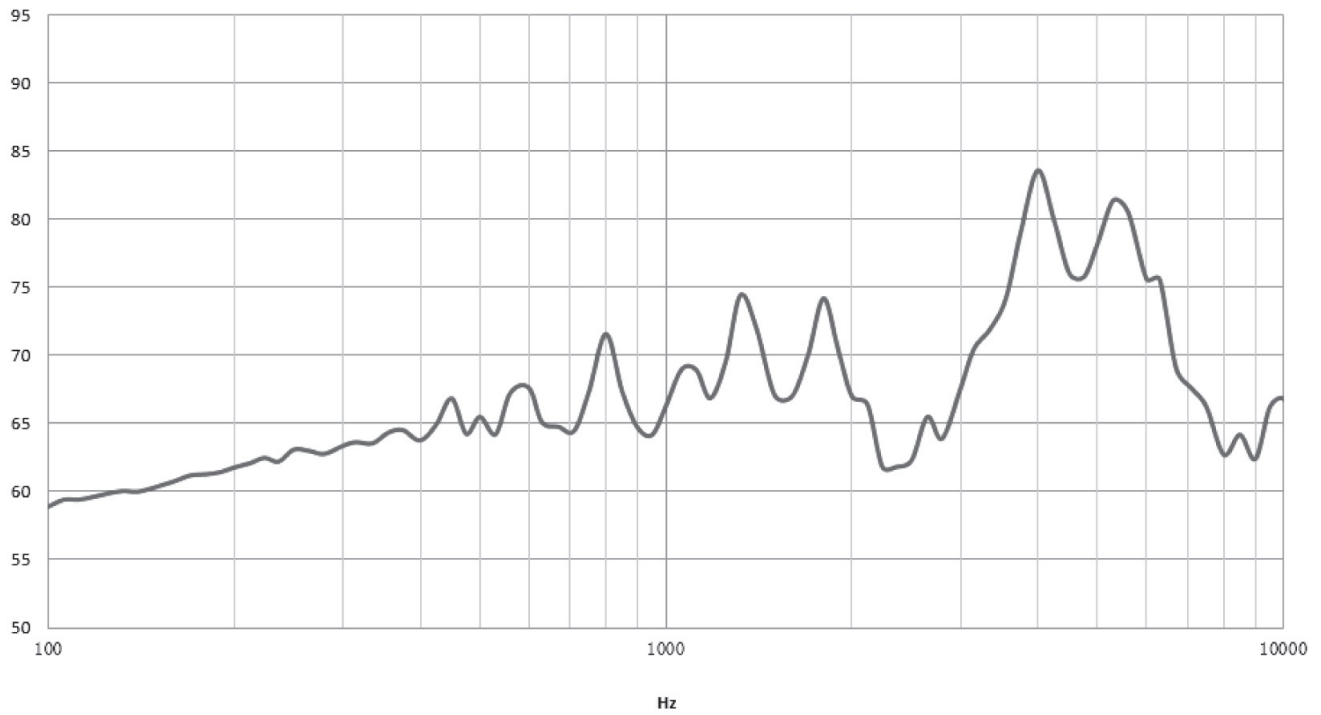


MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



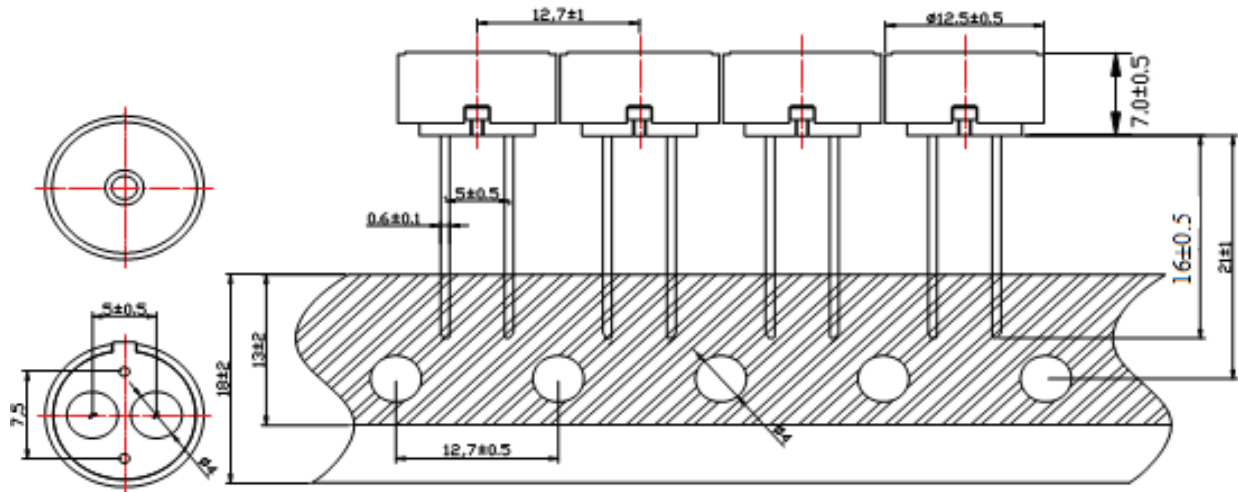
FREQUENCY RESPONSE CURVE



PACKAGING

units: mm

Carton Size: 487 x 357 x 288 mm
Carton QTY: 5,000 pcs per carton



REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 03/25/2026 |

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



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

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