



MODEL: CUSA-T80-130-3000-WC | DESCRIPTION: ULTRASONIC SENSOR

FEATURES

- aluminum housing
- transmitter
- open type
- wire leads w/ 2-pin connector



SPECIFICATIONS

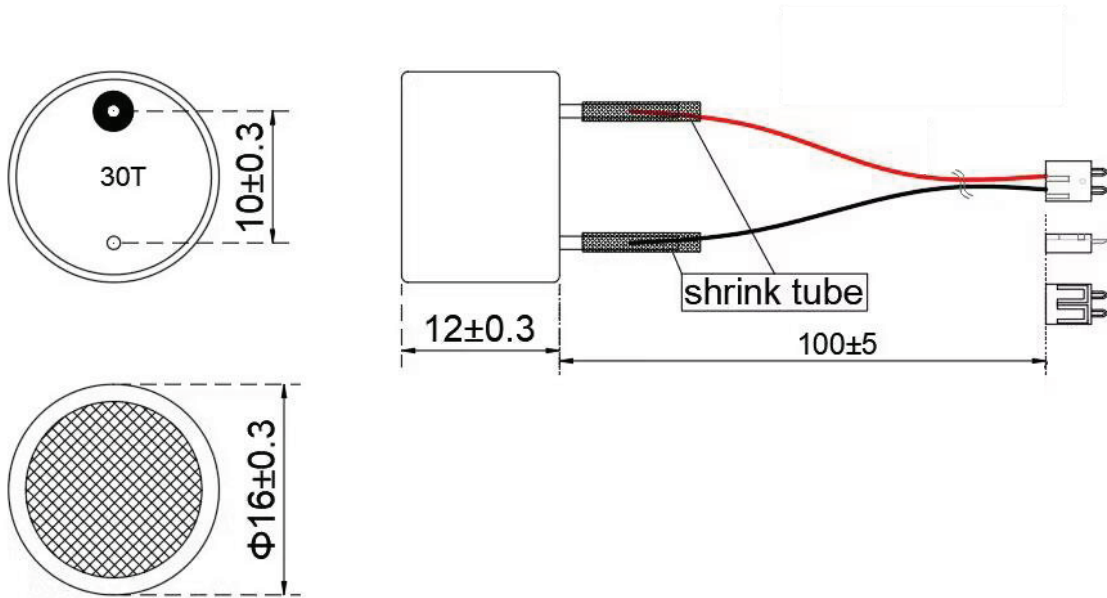
| parameter             | conditions/description    | min   | typ   | max   | units  |
|-----------------------|---------------------------|-------|-------|-------|--------|
| type                  | transmitter               |       |       |       |        |
| operating voltage     |                           |       |       | 200   | Vp-p   |
| frequency             |                           | 29.5  | 30.5  | 31.5  | kHz    |
| sound pressure level  |                           | 120   |       |       | dB     |
| directivity           | at -6 dB                  | 65    | 80    | 95    | degree |
| capacitance           | at 1 kHz                  | 2,250 | 3,000 | 3,750 | pF     |
| detectable range      |                           | 0     |       | 13    | m      |
| dimensions            | Ø16 x 12                  |       |       |       | mm     |
| material              | aluminum                  |       |       |       |        |
| terminal              | wire leads with connector |       |       |       |        |
| weight                |                           |       | 2.6   |       | g      |
| operating temperature |                           | -20   |       | 80    | °C     |
| storage temperature   |                           | -20   |       | 80    | °C     |
| RoHS                  | yes                       |       |       |       |        |

## MECHANICAL DRAWING

units: mm

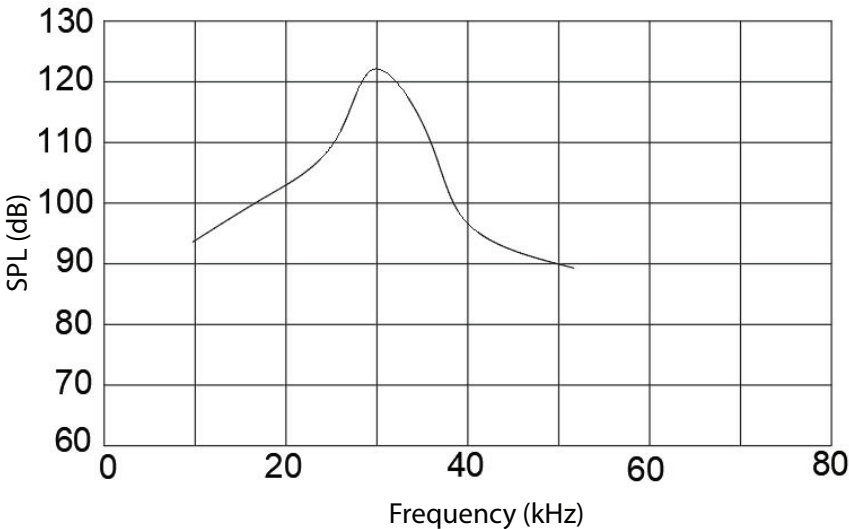
wire: UL1571, 30 AWG

connector: JAM JB20-02HG

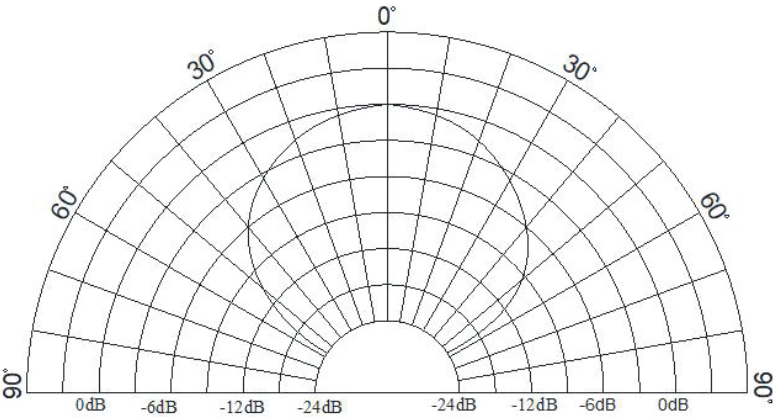


**BEAM PATTERNS**

**SPL vs. Frequency**



**Directivity**



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