

# MODEL: CEB-3550-L100 | DESCRIPTION: PIEZOELECTRIC DIAPHRAGM

#### **FEATURES**

- 100 mm lead wire
- piezo element
- externally driven



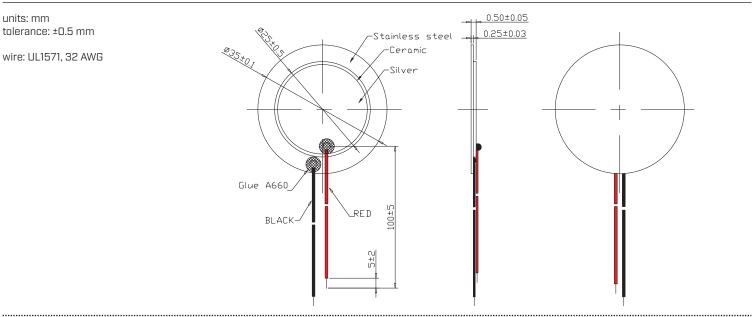
## **SPECIFICATIONS**

| parameter              | conditions/description              | min    | typ    | max    | units |
|------------------------|-------------------------------------|--------|--------|--------|-------|
| operating voltage      |                                     |        |        | 30     | Vp-р  |
| resonant frequency     | only for piezo element without wire | 2,400  | 2,900  | 3,400  | Hz    |
| resonant impedance     | only for piezo element without wire |        |        | 500    | Ω     |
| electrostatic capacity | at 120 Hz                           | 24,500 | 35,000 | 45,500 | рF    |
| dimensions             | Ø35 x 0.50                          |        |        |        | mm    |
| weight                 |                                     |        | 4.0    |        | g     |
| material               | stainless steel                     |        |        |        |       |
| terminal               | wire leads                          |        |        |        |       |
| operating temperature  |                                     | -20    |        | 60     | °C    |
| storage temperature    |                                     | -30    |        | 70     | °C    |
| hand soldering         |                                     | 370    | 380    | 390    | °C    |
| RoHS                   | yes                                 |        |        |        |       |

## **MECHANICAL DRAWING**

units: mm tolerance: ±0.5 mm

wire: UL1571, 32 AWG



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#### **REVISION HISTORY**

| rev. | description     | date       |  |
|------|-----------------|------------|--|
| 1.0  | initial release | 05/13/2024 |  |

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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