



MODEL: CEB-12012-L100 | DESCRIPTION: PIEZOELECTRIC DIAPHRAGM

FEATURES

- 100 mm lead wire
- piezo element
- externally driven



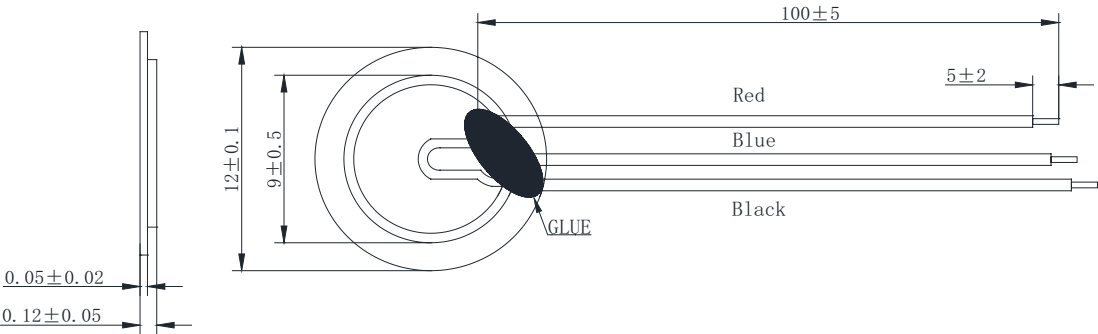
SPECIFICATIONS

| parameter              | conditions/description              | min   | typ    | max    | units              |
|------------------------|-------------------------------------|-------|--------|--------|--------------------|
| operating voltage      |                                     |       |        | 30     | Vp-p               |
| resonant frequency     | only for piezo element without wire | 4,400 | 4,900  | 5,400  | Hz                 |
| resonant impedance     | only for piezo element without wire |       |        | 1,000  | $\Omega$           |
| electrostatic capacity | at 120 Hz                           | 9,100 | 13,000 | 16,900 | pF                 |
| dimensions             | $\varnothing 12 \times 0.12$        |       |        |        | mm                 |
| weight                 |                                     |       | 0.39   |        | g                  |
| material               | brass                               |       |        |        |                    |
| terminal               | wire leads                          |       |        |        |                    |
| operating temperature  |                                     | -20   |        | 60     | $^{\circ}\text{C}$ |
| storage temperature    |                                     | -20   |        | 70     | $^{\circ}\text{C}$ |
| hand soldering         |                                     | 360   | 370    | 380    | $^{\circ}\text{C}$ |
| RoHS                   | yes                                 |       |        |        |                    |

MECHANICAL DRAWING

units: mm

wire: UL1571 32 AWG



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 10/30/2024 |

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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