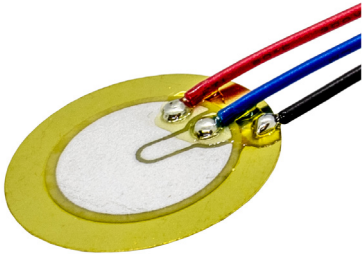




**MODEL:** CEB-21028-L100 | **DESCRIPTION:** PIEZOELECTRIC DIAPHRAGM

**FEATURES**

- 100 mm lead wire
- piezo element
- externally driven



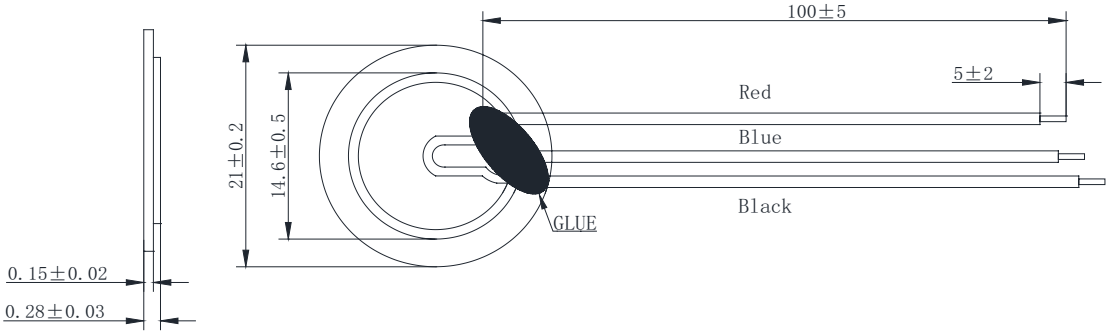
**SPECIFICATIONS**

| parameter              | conditions/description              | min    | typ    | max    | units              |
|------------------------|-------------------------------------|--------|--------|--------|--------------------|
| operating voltage      |                                     |        |        | 30     | Vp-p               |
| resonant frequency     | only for piezo element without wire | 2,700  | 3,200  | 3,700  | Hz                 |
| resonant impedance     | only for piezo element without wire |        |        | 600    | $\Omega$           |
| electrostatic capacity | at 100 Hz                           | 18,200 | 26,000 | 33,800 | pF                 |
| dimensions             | $\varnothing 21 \times 0.28$        |        |        |        | mm                 |
| weight                 |                                     |        | 1.1    |        | 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: UL1095 28 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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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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