

**date** 05/13/2024

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# MODEL: CEB-2043-L100 | DESCRIPTION: PIEZOELECTRIC DIAPHRAGM

#### **FEATURES**

- 100 mm lead wire
- piezo element
- externally driven





### **SPECIFICATIONS**

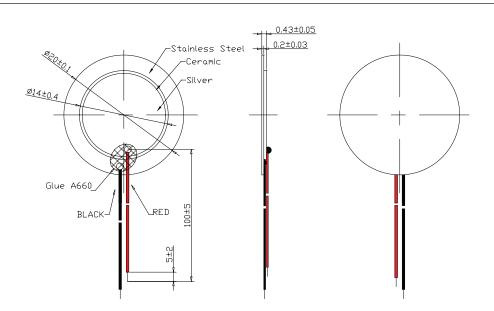
| parameter              | conditions/description              | min   | typ    | max    | units |
|------------------------|-------------------------------------|-------|--------|--------|-------|
| operating voltage      |                                     |       |        | 30     | Vp-p  |
| resonant frequency     | only for piezo element without wire | 6,900 | 7,200  | 7,500  | Hz    |
| resonant impedance     | only for piezo element without wire |       |        | 300    | Ω     |
| electrostatic capacity | at 120 Hz                           | 7,000 | 10,000 | 13,000 | pF    |
| dimensions             | Ø20 x 0.43                          |       |        |        | mm    |
| weight                 |                                     |       | 2.5    |        | 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



Additional Resources: Product Page

### **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.



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