

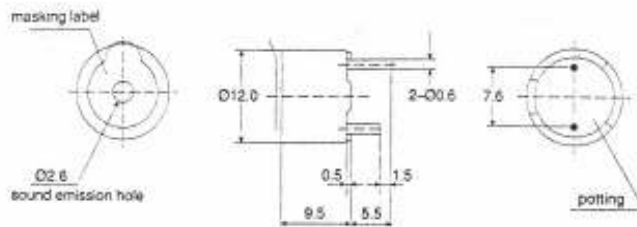
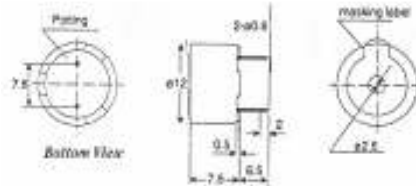
Hi-Q Components

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Magnetic Buzzers

★ Drive circuit built-in ★ Low Resonant Frequency ★ Sealed for wave soldering and washing.

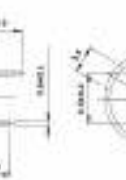
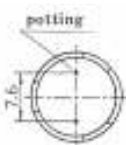
| Specifications | 55-A1201SC | 55-A1206SC | 55-A1212SC |
|----------------------------|---------------|---------------|---------------|
| Rated Voltage | 1.5 VDC | 5 VDC | 12 VDC |
| Operating Voltage | 1.4 ~ 2 V | 3 ~ 7 V | 9 ~ 15 V |
| Max. Rated Current | 25 mA | 30 mA | 30 mA |
| Sound Output at 10cm | > 75 dB | > 83 dB | > 83 dB |
| Frequency of Output Signal | 2.3 ± 0.5 kHz | 2.3 ± 0.4 kHz | 2.3 ± 0.4 kHz |
| Operating Temperature | -20 ~ +60 °C | -20 ~ +70 °C | -20 ~ +70 °C |



| Specifications | 55-TDB01 | 55-TDB05 | 55-TDB12 |
|----------------------------|----------------|----------------|----------------|
| Rated Voltage | 1.5 VDC | 5 VDC | 12 VDC |
| Operating Voltage | 1.25 ~ 2 V | 4 ~ 6.5 V | 8 ~ 15 V |
| Max. Rated Current | 30 mA | 30 mA | 30 mA |
| Sound Output at 10cm | > 75 dBA | > 85 dBA | > 85 dBA |
| Frequency of Output Signal | 2300 ± 0.3 kHz | 2300 ± 0.3 kHz | 2300 ± 0.3 kHz |
| Operating Temperature | -40 ~ +60 °C | -40 ~ +85 °C | -40 ~ +85 °C |

Magnetic Transducers

- ★ Magnetic transducers are designed to be driven by an external square wave.
For best results use the recommended voltage and frequency.
- ★ Small size – high sound output.
- ★ Sealed for wave soldering and washing.



55-B16xx

55-1206A-A2

| Specifications | 55-B1601 | 55-B1606 | 55-B1612 | 55-1206A-A2 |
|--------------------------|--------------|--------------|---------------|--------------|
| Rated Voltage | 1.5 VDC | 6 VDC | 12 VDC | 6 VDC |
| Operating Voltage | 1-2V | 4-8 V | 9-15 V | 4 ~ 8 V |
| Max. Rated Current | 12mA | 40mA | 40mA | 45mA |
| Sound Output at 10cm | 80dB Min. | 85dB Min. | 85dB Min. | 85dB Min. |
| Coil Resistance | 27 ± 3 ohms | 50 ± 5 ohms | 115 ± 12 ohms | 45 ± 5 ohms |
| Coil Impedance (2048 Hz) | Ψ 80 ohms | Ψ 110 ohms | Ψ 200 ohms | abt 80 ohms |
| Resonant Frequency | 2,048 Hz | 2,048 Hz | 2,048 Hz | 2400 Hz |
| Operating Temperature | -30 ~ +80 °C | -30 ~ +80 °C | -30 ~ +80 °C | -30 ~ +80 °C |
| Pin spacing | 7.5 mm | 7.5 mm | 7.5 mm | 6.5 mm |