

PIEZO ELEMENT SPECIFICATIONS

MODEL: AW1E13.5T-78EDL4Z

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|---------------------------------|-------|--|
| Resonant frequency | F_r | $7.8 \pm 1.5\text{kHz}$ (WITH WIRES) |
| Main electrostatic capacity | C_m | $15000 \pm 30\%$ pF at 1kHz/1V (WITHOUT WIRES) |
| Feedback electrostatic capacity | C_f | ----- |
| Resonant impedance | R | 650Ω MAX. (WITH WIRES) |
| Metal plate material | | Brass |
| Metal plate diameter | mm | 13.5 ± 0.10 |
| Metal plate thickness | mm | 0.10 ± 0.02 |
| Ceramic diameter | mm | 11.0 ± 0.20 |
| Total height | mm | 0.22 ± 0.05 |
| Insulation resistance | | $100M \Omega$ MIN. at 50V |
| Maximum input voltage | | 30Vp-p |
| Operating temperature range | | -20°C to $+70^\circ\text{C}$ |
| Storage temperature range | | -30°C to $+80^\circ\text{C}$ |
| Lead wires | | UL 1571 AWG30#RED&BLACK (SHIN DIN) |

APPEARANCE AND DIMENSIONS:

