

PIEZOCERAMIC TRANSDUCER

DATA SHEET



STC-4AH-3540 (A)

DATA SHEET**1. GENERAL APPLICATION**

Ultrasonic Cleaning

2. TYPE

STC-4AH-3540 (A)

3. SPECIFICATIONS

3.1 Dimensions

Refer to drawing No. STC-4AH-3540 (A)

3.2 Electrical Specifications

3.2.1. Resonant Frequency (fr): $f_r = 40 \pm 1 \text{ kHz}$ 3.2.2. Resonant Resistance (Ro): $R_o = \text{max. } 25 \Omega$ 3.2.3. Capacitance (Cp) : $C_p = 3800 \text{ pF} \pm 10\%$ **4. TEST METHOD & CONDITIONS**4.1. Test Environment: $23 \pm 3 \text{ }^\circ\text{C}$; 40 ~ 70% RH

4.2. Fr and Ro: HP-4194 Impedance Analyzer

4.3. Capacitance: LCR meter at 1 kHz, 1 Vrms

5. MAXIMUM INPUT VOLTAGE

5.1. Voltage: 3000 Vp-p

6. DRAWING

