

NingBo Best Group Co.,Ltd

PIEZOCERAMIC TRANSDUCER
For JHQ-1550-FSYT

ISSUED DATE : 2016- -07- -01

性能参数(SPECIFICATION)

1. SCOPE (范围)

This specification covers the piezoelectric ceramic transducer for cleaning.

2. TYPE (型号)

JHQ-1550 (无孔)

3. SPECIFICATION (规格)

3.1 DIMENSIONS (尺寸)

见附图1

3.2 ELECTRICAL SPECIFICATION (电性能)

3.2.1 Resonant Frequency (f_r) (谐振频率)

$$f_r = 51\text{kHz} \pm 5\% \text{kHz}$$

$$f_r = 51\text{KHz}$$

3.2.2 Resonant Resistance (Z_r) (谐振阻抗)

$$25 \Omega < Z_r < 350 \Omega$$

3.2.3 Capacitance (C_p) (静态电容)

$$C_p = 1600 \pm 5\% \text{ (粉料选择P4 系列)}$$

$$C_p = 1.6\text{nF}$$

※ 静态电容为参考值，根据选择不同供应商的陶瓷晶片有关。

4. TEST PROGRAM (测试程序)

4.1 TESTING ENVIRONMENT (测试环境)

Temperature (温度): $20 \pm 2^\circ\text{C}$

Humidity (湿度) $\leq 60\% \text{RH}$.

4.2 f_r AND Z_r :

The TH-2818 Impedance Analyzer.

4.3 C_p

LCR meter at 1kHz, 1Vrms

5. INSULATION IMPEDANCE (绝缘阻抗)

5.1 TESTING ENVIRONMENT (测试环境)

Temperature (温度) : $20 \pm 2^{\circ}\text{C}$

Humidity (湿度) $\leq 60\%RH$.

5.2 TEST INSTRUMENT (测试仪器)

MODEL 3121

5.3 TEST STANDARD (测试标准)

$\geq 1000 \Omega$

6. NOMINAL POWER (标称功率)

25W

附图1:

