PRODUCT: PIEZOELECTRIC CERAMICS TRANSDUCER

MODEL: HW-13.8-160E-EO

160KHz CASE
1. SCOPE

This specification covers the piezoelectric ceramic transducer for wee atomization.

2. TYPE

HW-13.8-160E-EO

3. SPECIFICATIONS

3.1 DIMENSIONS

As per the drawing No.HW-13.8-160E-EO

3.2 ELECTRONICAL SPECIFICATION

3.2.1 Resonant Frequency (fr)

Fr=160 KHz ± 3KHz

3.2.1 (Ro)

Ro=max. 120Ω

3.2.3 (Cp)

Cp=1600pF ± 15%

4. TEST PROCEDURE

4.1 TEST ATOMSPHERE 23 ± 3°C 40~70%RH.

4.2 Fr AND Ro : The HP-2818 Impedance Analyzer.

5. INPUT FOR TRANSDUCER

MAXIMUM INPUT

Voltage: 65vp-p
6. INPUT VOLTAGE

Input Voltage: DC3-12V

7. POWER

Max Input Power 2W.

( Normal use 1~1.5w) DC3-12V

8. Configuration Sketch Map