



PRODUCT SPECIFICATION

Product Name: Piezoelectric element

Part Number: MNSE16108-W

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1.SCOPE:

This specification shall cover the piezoelectric ceramic transducer for MNSE16108-W

2.SPECIFICATION

2.1 DIMENSIONS

As per the drawing No.MNSE16108-W

2.2ELECTRICAL SPECIFICATION

2.2.1 Resonant Frequency(FR)

$$f_r = 110\text{kHz} \pm 3 \text{ kHz}$$

2.2.2 Resonant Resistance(Ro)

$$R_o = \text{max.} 80\Omega$$

2.2.3 Capacitance(Cp)

$$C_p = 3000\text{pF} \pm 15\%$$

3.TEST PROCEDURE

TEST ATMOSPHERE $23 \pm 3^\circ\text{C}$ 40~70%RH

Fr AND Ro: The HP2818 Impedance Analyzer.

4.INPUT FPR TRANSDUCER

MAXIMUM INPUT

Voltage: Max.80Vp-p

5.INPUT VOLTAGE

Input Voltage:DC3~12V

6.POWER

Max Input Power: 2.5W.

Normal use: 1~1.5w

7.DIMENSION(UNIT:mm)

