

瓷能設計有限公司

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APPROVAL SHEET OF 40CA-14D

1.GENERAL: The specifications describe ultrasonic transducer

2.CHARACTERISTICS:

PART NUMBER	40CA-14D
Nominal Frequency (KHz)	40±1.0
Sound Pressure Level (dB)	104(min)
Sensitivity (dB)	-76(min)
Capacitance (pF)	2100±20%
Directivity (°)	110*50
Ring Time (ms)	≤ 1.1
Max Input Voltage (Vpp)	160 Pulse width 0.8ms interval 60ms
Working Temperature (°C)	-30~80
Construction	Water Proof
Case/Color	Aluminum/Black

• Sound Pressure Level:0dB=0.02mPa measure at 10Vrms,30cm distance.

• Sensitivity: 0dB=10V/Pa.

*Ring time was test with input 120V, 40KHz, 0.8msec square wave.

3.OUTLINE DIMENSION:

A=14.0±0.2

B=9.0±0.3

C=6.0±0.3

D=3.0±0.2

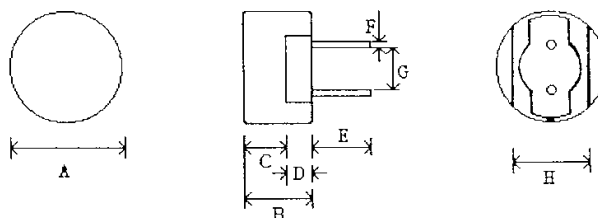
E=8.0±1.0

F=1.0±0.1

G=6.0±0.5

H=12.0±0.2

Unit: mm



Pin: red for floating (+)