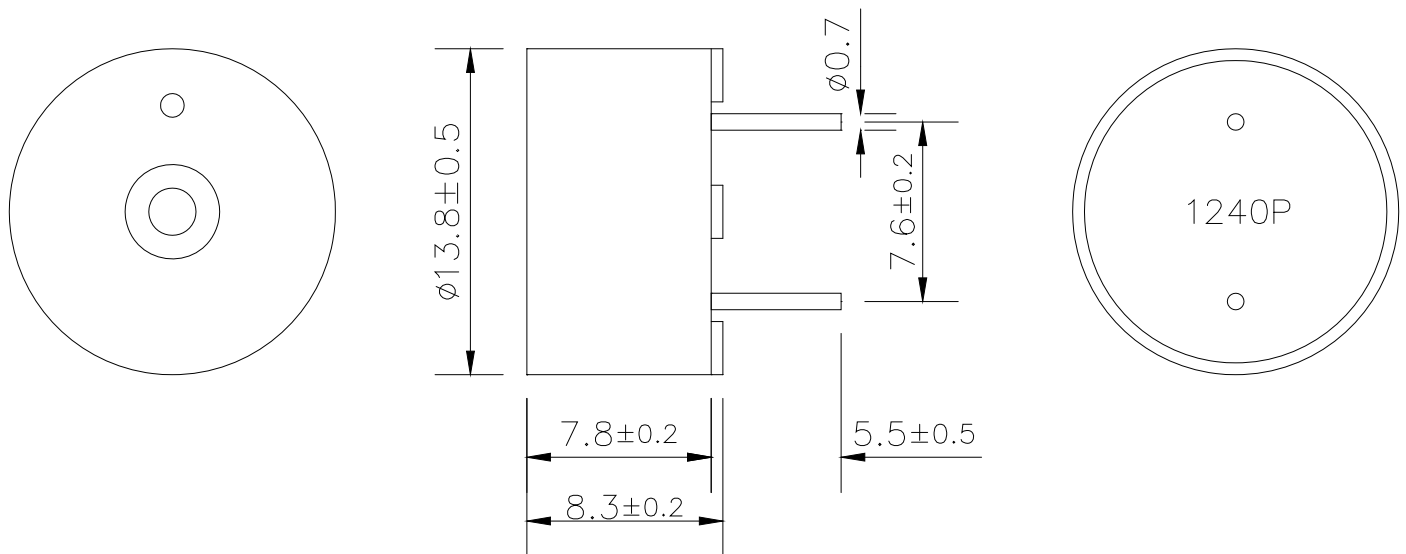


Sales Outline DrawingRevision **C****Specifications:**

Resonant Frequency (Hz)	4100 ± 500
Operating Voltage (Vp-p/max)	20
Rated Voltage (Vp-p)	5.0
Current Consumption (mA/max)	2.0 at Rated Voltage
Sound Pressure Level (dB/min)	80 at 10cm at Rated voltage
Capacitance (pF)	17,000 ±30% at 120Hz
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Housing	ABS 757 UL94HB plastic resin (Color: Black)
Lead Pins	Tin Plated Brass
Weight (Grams)	0.8
Condition by wave soldering (°C)	245 ±5 / 3±0.5 sec
Condition by hand soldering (°C)	350 ±20 / within 5 sec
Options	For other options contact factory

Dimensions: (units: mm)**ROHS Compliant**

Direct Drive Transducer Operation:

Direct drive transducer devices do not have any included DC circuitry, so the user must apply a sine or square wave with the appropriate rated frequency. A square wave will typically result in more sound level than a sine wave. The higher the peak-to-peak voltage applied (up to the maximum rated voltage), the higher the resulting sound level.

Frequency Response:

