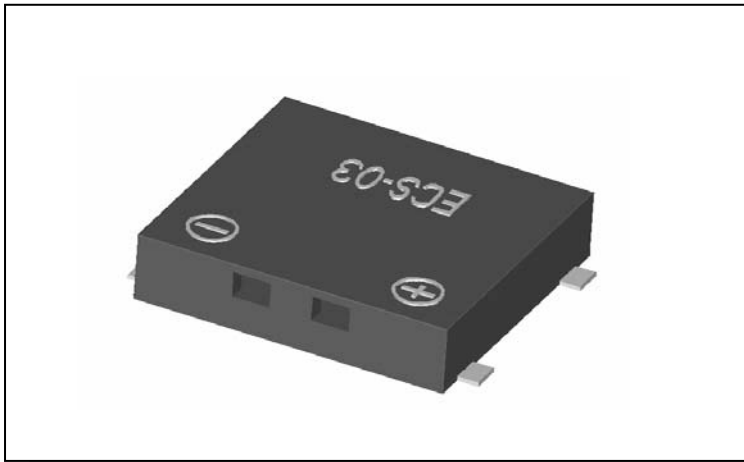


ECHO-PIEZO TRANSDUCER

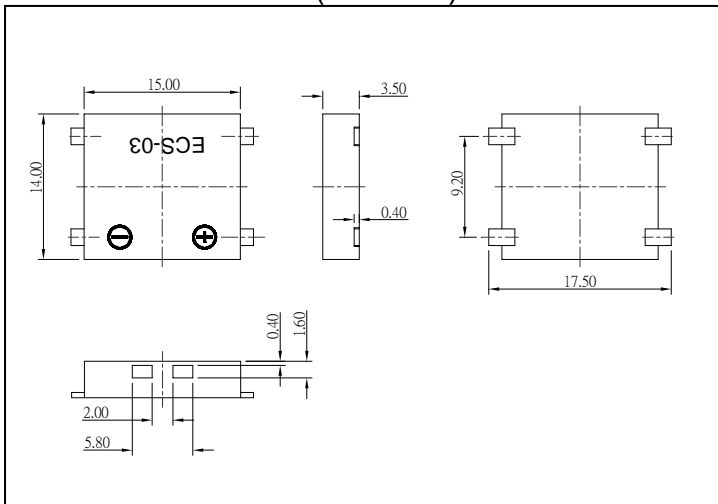
ECS-03 SERIES



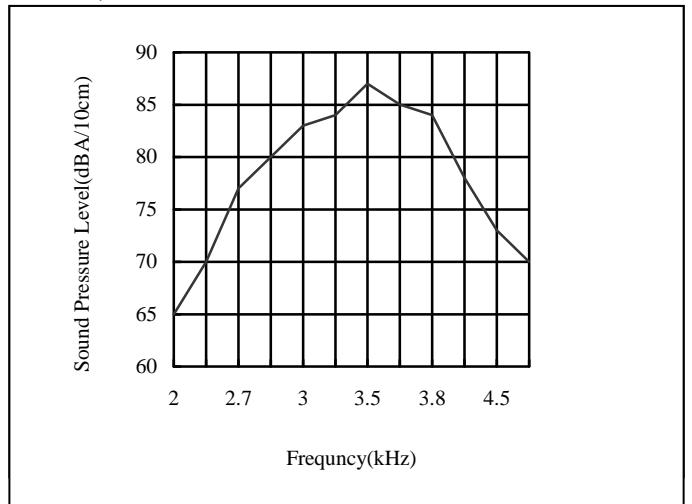
FEATURES:

- SMD Ultra small size
- Low current consumption
- Extremely durable
- Long life
- Operating temperature -20°C ~ $+70^{\circ}\text{C}$
- Storage temperature -30°C ~ $+80^{\circ}\text{C}$

DIMENSIONS: (unit: mm)



FREQUENCY RESPONSE:



SPECIFICATIONS:

Model Number	ECS-03
Sound Pressure Level	75dBA Min. at 10cm
Static Capacitance	20,000pF \pm 30%
Input Voltage	3Vp-p, 4KHz, Square wave
Max. Input Voltage	20Vp-p
Current Consumption	2mA Max.
Operating Temperature	-30°C ~ $+70^{\circ}\text{C}$
Storage Temperature	-40°C ~ $+80^{\circ}\text{C}$
Weight	0.8g