

Specification for Ultrasonic Sensor

Model No.: VS-A1440H9TRWP

Drawing No.: VS20221020011

■ ELECTRICAL SPECIFICATION:

1	Center frequency(KHz)	40 ± 1.0 KHz
2	Echo Sensitivity	≥ 200 mV
3	Decay Time	≤ 1.2 ms
4	Directivity (deg) X-axis	70 ± 15
5	Directivity (deg) Y-axis	70 ± 15
6	Capacitance (pF)	$1800 \pm 20\%$
7	Allowable Maximum Input Voltage(Vp-p)	140(40KHz) Pulse width 0.5ms, interval 20ms
8	Operating Temperature($^{\circ}$ C)	-40 ~ +80
9	Storage temperature($^{\circ}$ C)	-40 ~ +85

■ APPEARANCE AND DIMENSIONS

