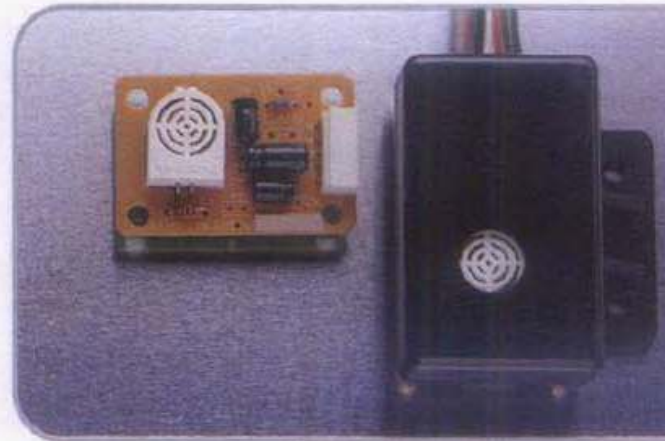
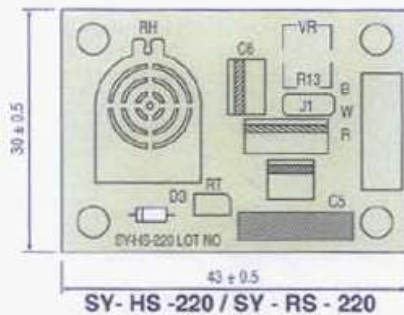


HUMIDITY SENSOR MODULES SY-HS-220, SY-RS-220

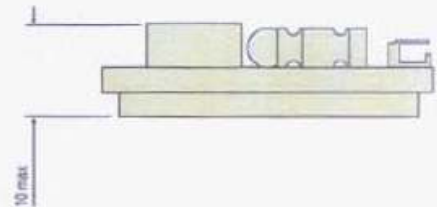
These modules are applied for SYH-2, RS-1 sensor, transmit voltage output to be applied system for humidity state.



● DIMENSIONS (Unit : mm)



R : Vcc
W : Vout
B : GND



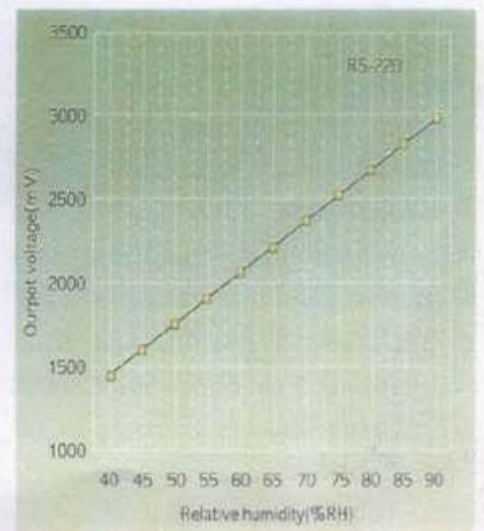
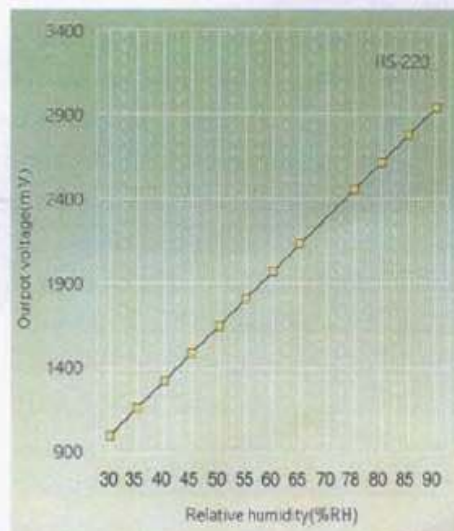
● SPECIFICATIONS

Items	SY-HS-220	SY-RS-220
Rated voltage	DC 5.0V	DC 5.0V
Current consumption	≤ 3.0mA	≤ 3.0mA
Operating temperature range	0~60°C	0~20°C
Operating humidity range	30~90%RH	40~98%RH
Storable temperature range	-30°C ~ 85°C	-30°C ~ 85°C
Storable humidity range	Within 95%RH	Within 98%RH
Standard Output range	DC 1,980mV(at 25°C, 60%RH)	DC 2,701mV(at 5°C, 80%RH)
Accuracy	± 5%RH (at 25°C, 60%RH)	± 5%RH (at 5°C, 80%RH)
Remarks	PCB unit containing driving circuit	PCB unit containing driving circuit

● STANDARD CHARACTERISTICS

● CHARACTERISTICS CURVE

%RH	SPEC	
	HS-220	RS-220
30	990	-
35	1,155	-
40	1,300	1,446
45	1,485	1,603
50	1,650	1,760
55	1,815	1,917
60	1,980	2,074
65	2,145	2,231
70	2,310	2,388
75	2,475	2,544
80	2,640	2,701
85	2,805	2,858
90	2,970	3,015
95	-	3,172



Unit : mV(at 25°C / at 5°C)