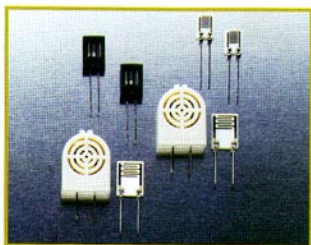


Humidity Sensor Units SYH-1, SYH-1s

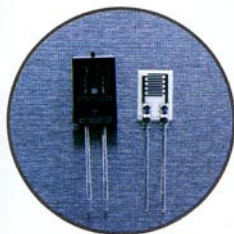


Humidity sensors made of a thermosetting resin developed by our technology for water resistance and durability show excellent electrical properties.

Specifications

Items	SYH-1, SYH-1s
Rated voltage	AC 1V _{RMS} (1V _{DC})
Rated power	AC 0.26mW
Operating temperature	0~60°C
Operating humidity	20 ~ 95%RH
Standard characteristics	23 _{KΩ} (at 25°C, 60%RH)
Storage temperature	-30 ~ 85°C
Storage humidity	Within 95%RH
Humidity accuracy	±5%RH(at 25°C, 60%RH) ^{*)}
Humidity response time	<60 sec.(40 → 80%RH)
Hysteresis	±2%RH(40 → 80%RH)

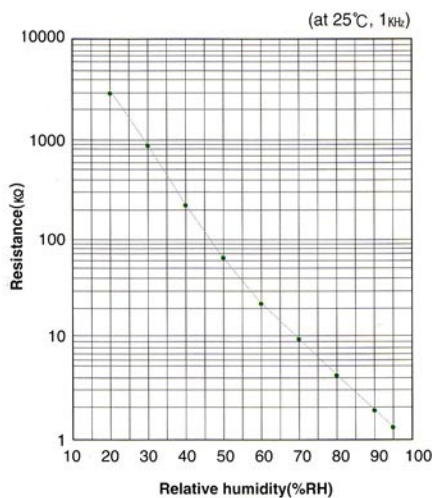
^{*)} possible to ±2%RH by customer requirement



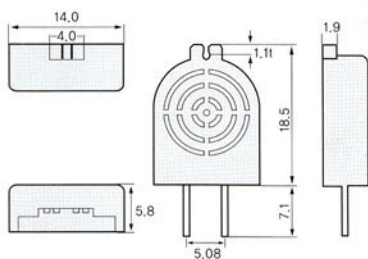
Standard Characteristics

%RH	Spec.(kΩ)
	SYH-1, SYH-1s
20	3000
30	920
40	220
50	66
60	23
70	9.6
80	4.2
90	1.9
95	1.3

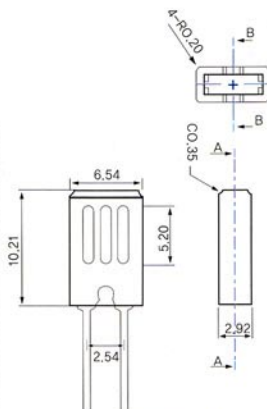
Characteristics Curve



Dimensions (Unit : mm)



SYH-1



SYH-1s