

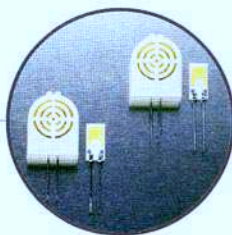


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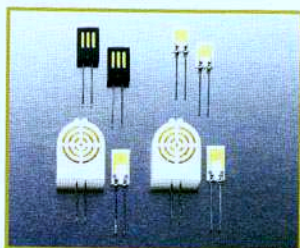
elektronikai alkatrész áruház

EN: This Datasheet is presented by the manufacturer.

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Humidity Sensor Units SYH-2, SYH-2s



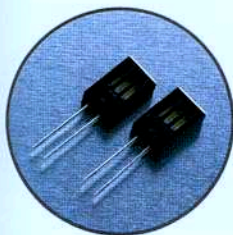
· Humidity is a important factor in personal comfort and in quality control for materials, machinery etc.

Specifications

Items	SYH-2, SYH-2s
Rated voltage	AC 1V _{RMS} (100 _v)
Rated power	AC 0.22mW
Operating temperature	0~60°C
Operating humidity	20 ~ 95%RH
Standard characteristics	33k _Ω (at 25°C, 60%RH)
Storage temperature	-30 ~ 85°C
Storage humidity	Within 95%RH
Humidity accuracy	±5%RH(at 25°C, 60%RH) *1)
Humidity response time	<60 sec.(40 → 80%RH)
Hysteresis	±2%RH(40 → 80%RH)

*1) possible to ±2%RH by customer requirement

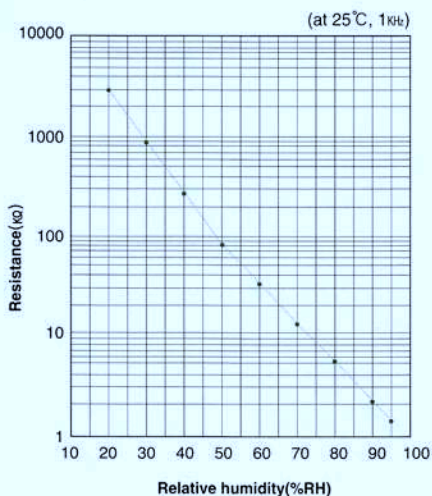




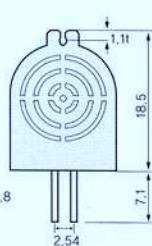
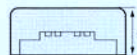
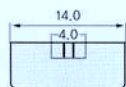
Standard Characteristics

%RH	Spec. (k Ω) SYH-2, SYH-2s
20	2890
30	900
40	270
50	81
60	33
70	13
80	5.3
90	2.2
95	1.5

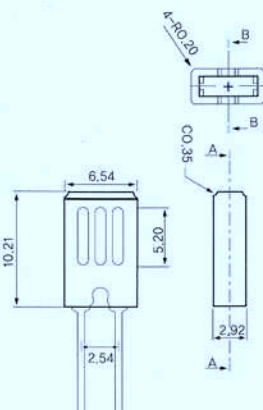
Characteristics Curve



Dimensions (Unit : mm)



SYH-2



SYH-2s