Element type Resistive humidity Sensor

Application

Equipment related humidity sensing

White appliances like refrigerator, washing machine, air conditoner, air purifier, etc.

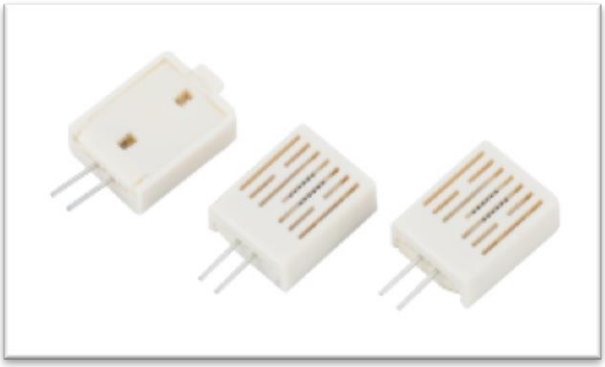
Features

Excellent endurance against humidity

Excellent durability

High water resistance

Competitive price

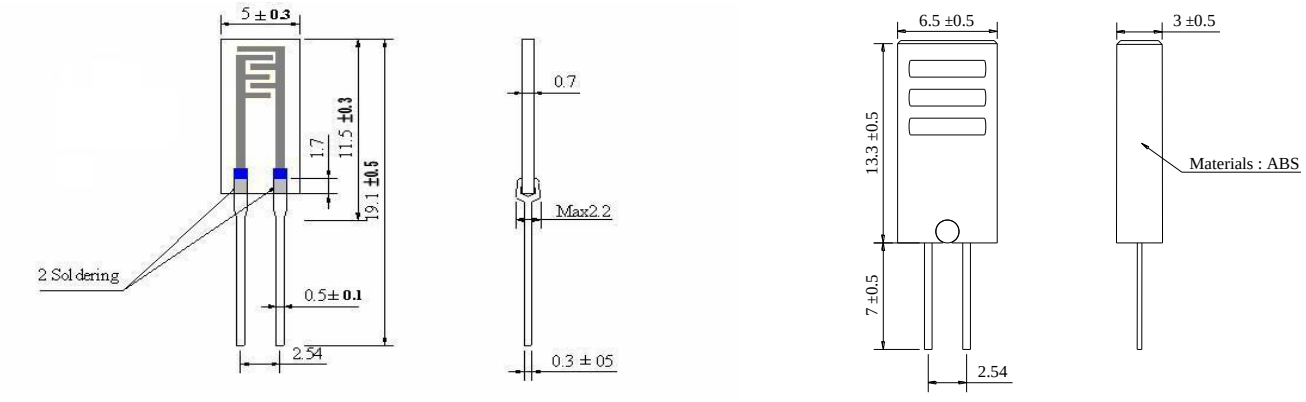


Numbering

RH	A	233	H	B	C	S
①	②	③	④	⑤	⑥	⑦

1. Series : RH(Resistive humidity sensor)
2. Customer's initial : A
3. Output Impedence value : 233(23 × 10^3 Ω)
4. Humidity Tolerance : H(±3%)
5. Electrode color : B(Black)
6. Case : C(Case type)
7. Size : S(Small-sized)

Shape & Dimension



Standard Specification

Item	RH*-233HBCS	RH*-313HBCS
Reted Voltage	AC 1.0Vrms(1KHz)	AC 1.0Vrms(1KHz)
Rated Power	AC 0.26mW	AC 0.20mW
Operating Temp.	0℃ ~ 60℃	0℃ ~ 60℃
Operating Humidity	20%RH ~ 95%RH	20%RH ~ 95%RH
Standard Characteristics	23KΩ(at 25℃, 60%RH)	31KΩ(at 25℃, 60%RH)
Storage Temp.	0℃ ~ 60℃	0℃ ~ 60℃
Storage Humidity	Less than 90%RH	Less than 90%RH
Humidity Accuracy	±3%RH(at 25℃, 60%RH)	±3%RH(at 25℃, 60%RH)
Humidity Response Time	< 60 sec.(40%RH ~ 80%RH)	< 60 sec.(40%RH ~ 80%RH)
Hystersis	±3%RH(40%RH ~ 80%RH)	±3%RH(40%RH ~ 80%RH)