

Element type Resistive humidity Sensor

Application

Equipment related humidity sensing

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

Features

Excellent endurance against humidity

Excellent durability

High water resistance

Competitive price

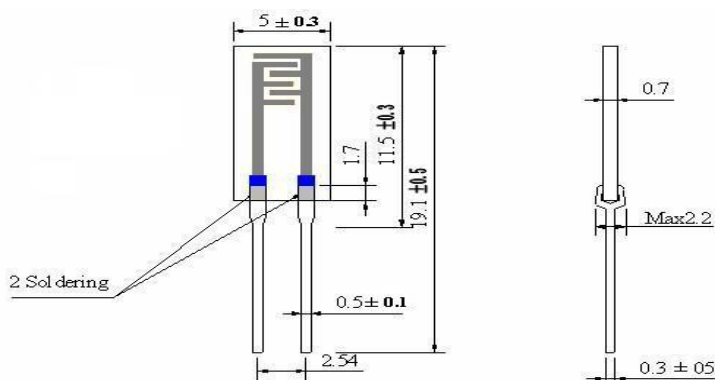


Numbering

RH	A	233	H	B	N	S
①	②	③	④	⑤	⑥	⑦

1. Series : RH(Resistive humidity sensor)
2. Customer's initial : A
3. Output Impedence value : 233($23 \times 10^3 \Omega$)
4. Humidity Tolerance : H($\pm 3\%$)
5. Electrode color : B(Black)
6. Case : N(No case, Bulk type)
7. Size : S(Small-sized)

Shape & Dimension



Standard Specification

Item	RH*-233HBNS	RH*-313HBNS
Rated Voltage	AC 1.0Vrms(1KHz)	AC 1.0Vrms(1KHz)
Rated Power	AC 0.26mW	AC 0.20mW
Operating Temp.	0°C ~ 60°C	0°C ~ 60°C
Operating Humidity	20%RH ~ 95%RH	20%RH ~ 95%RH
Standard Characteristics	23K Ω (at 25°C, 60%RH)	31K Ω (at 25°C, 60%RH)
Storage Temp.	0°C ~ 60°C	0°C ~ 60°C
Storage Humidity	Less than 90%RH	Less than 90%RH
Humidity Accuracy	$\pm 3\%$ RH(at 25°C, 60%RH)	$\pm 3\%$ RH(at 25°C, 60%RH)
Humidity Response Time	< 60 sec.(40%RH ~ 80%RH)	< 60 sec.(40%RH ~ 80%RH)
Hysteresis	$\pm 3\%$ RH(40%RH ~ 80%RH)	$\pm 3\%$ RH(40%RH ~ 80%RH)