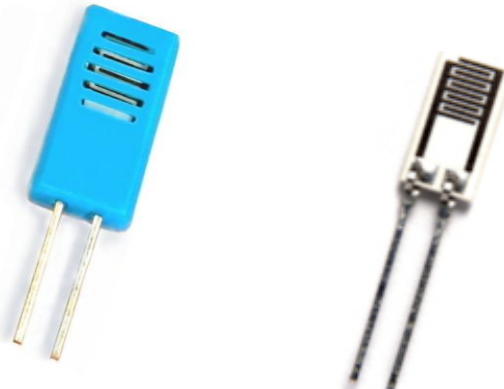


UTCX-U2A

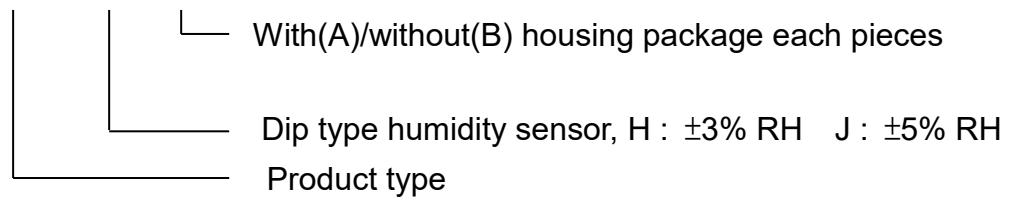


APPLICATIONS

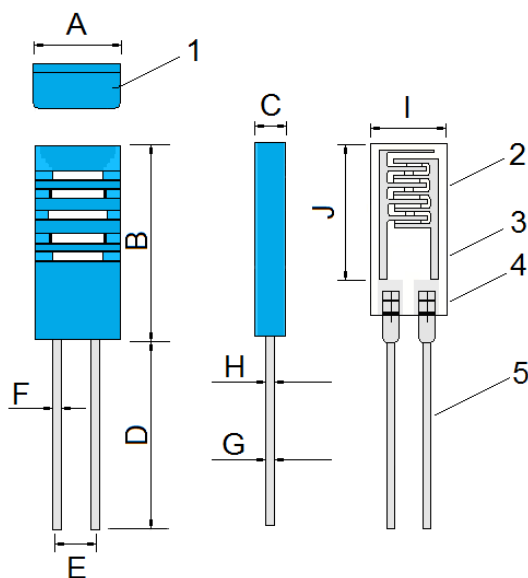
Hygrometer desk clock, weather station, gift products, air conditioner, humidifier, de-humidifier, cloths dryer etc.

MODEL NO.

UTCX – U2 A



CONFIGURATION & DIMENSIONS



Unit : [mm]

Symbol	Specification
A	15
B	9
C	12 ± 2
D	2.5
E	0.5
F	5
G	4
H	2
I	0.25

ELECTRICAL CHARACTERISTICS

1. General Characteristics
- 2.

Item	Units	Min.	Typ.	Max.
Rated voltage	Vrms	-	1	-
Rated power	mA	-	-	0.2
Operating frequency range	kHz	0.5	1	2
Operating temperature range	°C	0	-	60
Operating humidity range	%RH	-	-	90
Impedance range at 60%RH and 25°C**	kΩ	15		38
Humidity accuracy	%RH	-5	-	+5
Temperature dependence(reference)	%RH/°C	-	0.6	-

** Measurement by LCR meter at 1KHz, 1 Vrms(sine wave)

3. Relative humidity - Impedance – 25°C, 1kHz, 1 Vrms(sine wave)

% RH	20	30	40	50	60	70	80	90
Normal value kΩ)	4,200	1,000	230	66	23	9.6	4.4	2.1

REFERENCES

Relative humidity - Impedance curve – measured at 25°C, 1kHz, 1 Vrms(sine wave)

