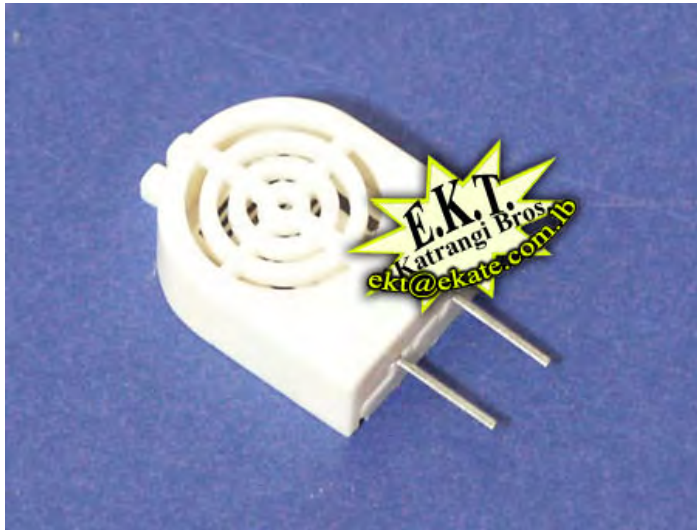




CHR-01 FEATURES

- Stable, low drift performance
- High accuracy
- Rapid response
- High reliability

Applications

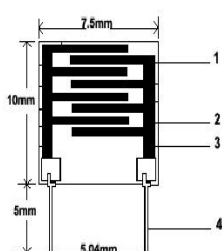
- De-Humidifier, Humidifier
- Batter - Powered system
- Refrigeration , Drying
- Meteorology

Performance specifications

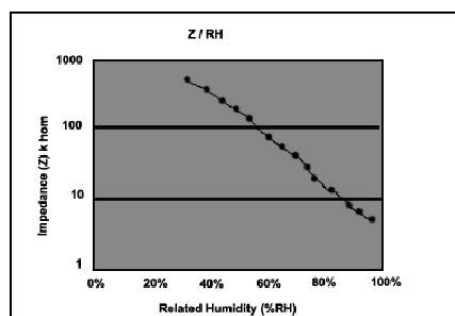
operating temperature range	0 °C ~ + 85 °C
operating humidity range	20 ~ 95%RH
accuracy	±5% RH
rated working voltage	AC 1V (50 ~ 2 K Hz)
nominal value & range	50 (40 ~ 65) KΩ (60%RH, 25°C)
response time	< 12 s (20% ~ 90%)
humidity drift (/year)	±2% RH
humidity hysteresis	≤ 1.5%RH

	15°C	25°C	35°C	40°C	55°C
30%	518.8	352.8	256.7	241.3	137
35%	347.6	261.8	143	137	80.33
40%	277.2	166.6	93.6	81.53	50
45%	172.8	92.8	60.3	52.7	33.38
50%	96.3	60.6	41.43	34.3	22.05
55%	70.8	40.4	29.12	24.25	15.88
60%	56.2	29.5	20.8	17.71	12.17
65%	43.3	21.1	15.61	13.12	9.02
70%	31.3	15.44	11.51	10.09	6.58
75%	22.6	11.84	8.74	7.35	4.64
80%	15.8	9.13	6.52	5.46	3.38
85%	10.48	6.55	4.52	3.89	2.48
90%	7	4.6	3.15	2.65	1.807

Dimensions



Humidity Sensing performance



Volt :
AC 1V
Freq :
1KHz
Temp :
25°C

Made in Taiwan