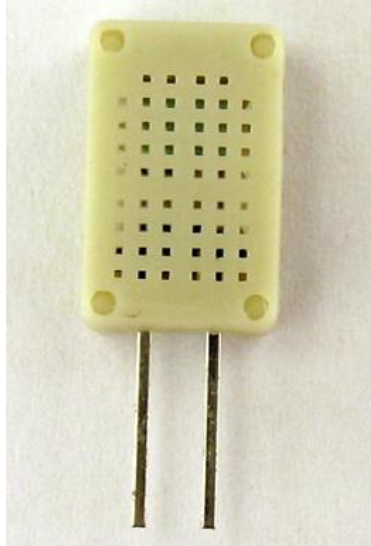


Polymer Relative Humidity Capacitor



1. Feature & Application:

Features:

- * Excellent linearity
- * low power consumption
- * wide measurement range
- * quick response
- * anti-pollution
- * high stability, dehumidifys
- * quickly recover after long-term saturation
- * high performance-price ratio

Applications:

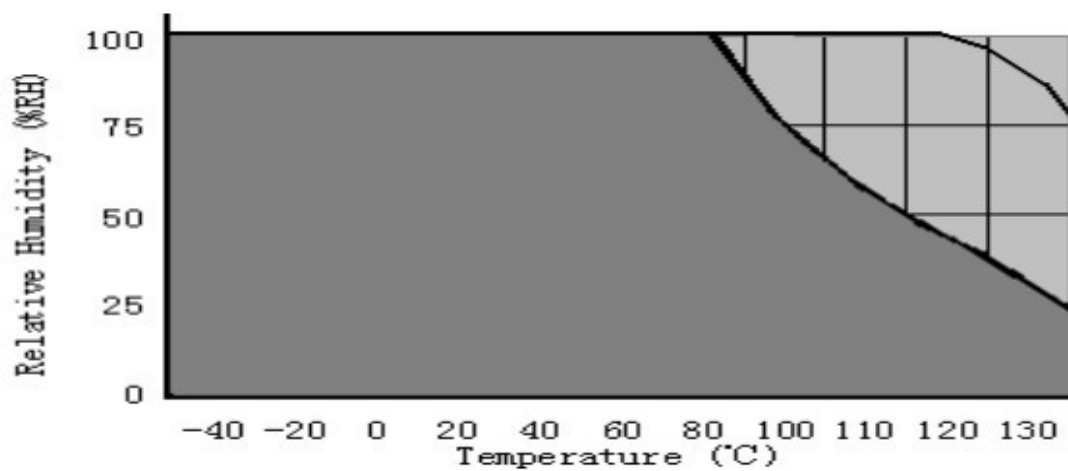
Produced using unique semiconductor technology, so the MC02 can be utilized in most occasions.

2. Technical Specification:

Model	MC02
Power supply	10V AC (Max)
Operating range	Humidity 0-100%RH, temperature -40~150Celsius
Nominal capacitance	120±10pF(25Celsius, 60%RH)
Average sensitivity	0.5pF / %RH
Humidity effects	+1Celsius, +0.025pF
Power consumption factor	<0.01
Return difference of humidity hysteresis	<1%RH

Linear error	<+-2%RH
Response time	<5s
Operating frequency	5k--100kHz
Recovering time after 150 hours dew condensation	<10s
Stability	<1%RH / Year
Dimensions	with case 6.5*10*3mm, without case 5*7*0.6mm

3. Operating range diagram



4. Dimensions: (Unit:mm)

