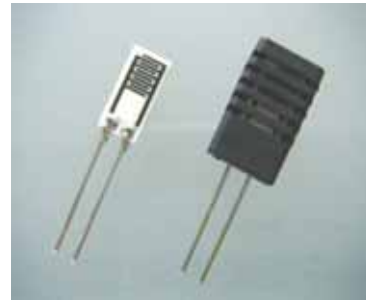


Part No. : HCZ-H8A/B

Ghitron HCZ series is a high performance impedance type humidity sensor by using a stable polymer sensing material technology.

Features

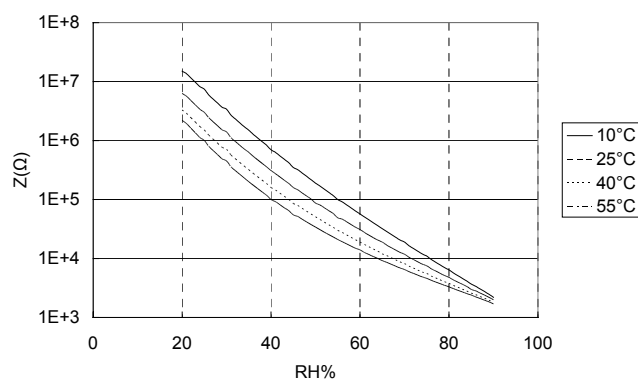
- Good long-term stability
- Small chip size
- High performance and reliability
- Wide humidity detect range
- RoHS compliant
- Very low cost



Applications

- Air conditioner, Humidifier, Dehumidifier
- Dry box
- Hygrometer, Recorder
- Weather forecast equipment
- Copier, printer
- Automobile

Typical R-T Curve



Specifications

	Units	Min.	Typ.	Max.
Rated voltage	Vrms	-	-	1
Rated power	mW	-	-	0.2
Operating frequency range	kHz	0.5	1	2
Operating temperature range		0	-	60
Operating humidity range	%RH	0	-	90
Impedance range at 60%RH and 25	kΩ	22.9	-	41.9
Humidity accuracy	%RH	-3	-	+3
Hysteresis (40%RH~80%RH)	%RH	-	-	2