

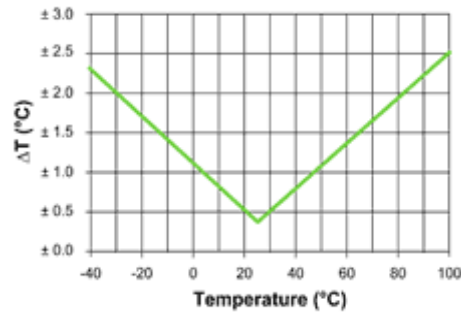
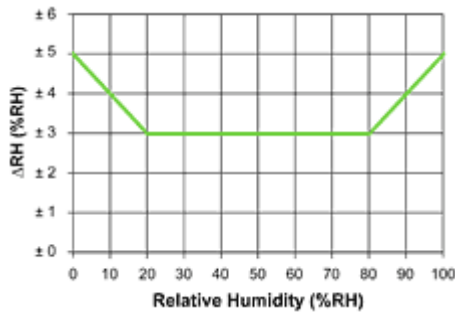
## SHT11 - Digital Humidity Sensor (RH&T)

All-round relative humidity sensor for any application.

SHT11 digital humidity and temperature sensor is the all-round version of the reflow solderable humidity sensor series that combines decent accuracy at a competitive price. The capacitive humidity sensor is available up to high volumes and as every other sensor type of the SHTxx family, it is fully calibrated and provides a digital output.

### Features

- Energy consumption: 80uW (at 12bit, 3V, 1 measurement / s)
- RH operating range: 0 – 100% RH
- T operating range: -40 – +125°C (-40 – +257°F)
- RH response time: 8 sec ( $\tau_{63\%}$ )
- Output: digital (2-wire interface)
  
- Maximal accuracy limits for relative humidity and temperature:



### Delivery Conditions

- Packaging: Tape & Reel, sealed in ESD bag
- Packaging sizes: 100, 400 and 2000 pieces