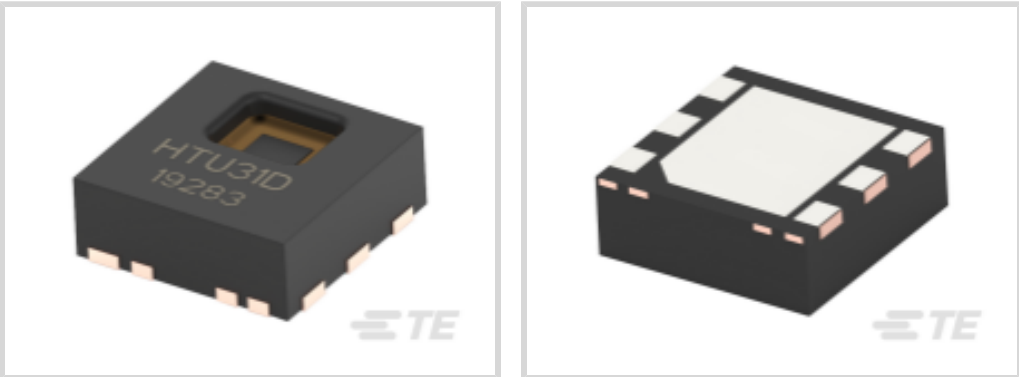




Sensors > Humidity Sensors



Humidity Sensor Product Type: RH Temperature Module

Supply Voltage (Peak): 5.5 VDC

Accuracy: ±2 %RH

Current Consumption: 1 mA

Response Time: 3 seconds

Features

Product Type Features

Humidity Sensor Product Type	RH Temperature Module
Interface Signal Type	Digital

Electrical Characteristics

ESD Robustness	± 8 kV
Supply Voltage (Peak)	5.5 VDC
Current Consumption	1 mA

Usage Conditions

Humidity Operating Range	0 – 100 %RH
Temperature Accuracy	± .2 °C
Accuracy	±2 %RH

Other

Response Time	3 seconds
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025
(250)
Candidate List Declared Against: JAN 2021
(211)
Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability


Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Also in the Series | MEAS HTU




Automotive Humidity Sensors(2)



Humidity Sensors(30)



Relative Humidity (RH) Sensors(30)



Sensor Development Boards and Evaluation Kits(3)

Customers Also Bought



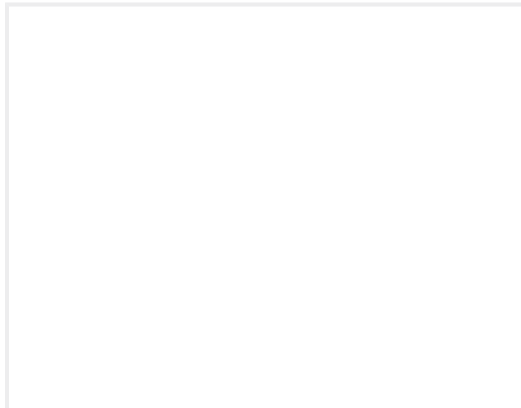
TE Part #DRC18-40SDE-P013
PLG, 40P, BLK, E, SEAL BOND, D



TE Part #3-794618-8
08P MICRO MNL ASSY R/A HDR LF



TE Part #826936-4
4P AMPMODU II STIFT LEI



TE Part #3-1532019-3
095-0527-0024=SINGLEPOWERSKTA



TE Part #2-2176327-3
CRGP 0805 680R 1%

TE Part #2-2176327-5
CRGP 0805 1K0 1%

TE Part #2-2176341-7
CRGCQ 0805 1K5 1%

TE Part #2199230-4
M.2 0.5PITCH 4.2H KEY E 15U" AU

TE Part #6469169-1
HMZD 2PR RA HDR 40P

TE Part #3-1532019-2
095-0527-0023=SINGLEPOWERSKTA

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_10142048-00_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_10142048-00_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_10142048-00_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

HTU31 RHT SENSOR IC Data sheet

English