



Sensors > Humidity Sensors > Humidity Sensor Assemblies > Humidity Temperature Transducer



Humidity Sensor Assembly Product Type: **RHT Module**

Supply Voltage (Peak): **12 VDC**

Operating Temperature Range: **-40 – 85 °C**

Humidity Measuring Range: **0 – 100 %RH**

Humidity Sensor Assembly Accuracy: **±3 %RH**

[All Humidity Temperature Transducer \(2\)](#)

Features

Product Type Features

Humidity Sensor Assembly Product Type	RHT Module
Humidity Sensor Assembly Sensor Type	Analog

Electrical Characteristics

Supply Voltage (Peak)	12 VDC
Nominal Output @55%RH (at 5 VDC)	2.48 V
Current Consumption	1 mA
Output Impedance	70 Ω

Usage Conditions

Operating Temperature Range	-40 – 85 °C
Humidity Measuring Range	0 – 100 %RH
Humidity Sensor Assembly Accuracy	±3 %RH
Temperature Coefficient	.1 %RH/°C
Sensitivity	26 mV/%RH

Other

Response Time	10 seconds
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>4,4'-isopropylidenediphenol (Bisphenol A) (1% in component)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in component)</p> <p>Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) (.5% in component)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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>

Compatible Parts



Also in the Series | MEAS HTM2500LF



Humidity Sensor Assemblies(2)

Customers Also Bought



TE Part #2102352-2
CeeLok FAS-T, Receptacle Kit, ZnNi



TE Part #2000676-1
Keyed Guide Pin, Machined, Vita 46



TE Part #2170704-2
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #2176340-3
CRGCO 0603 2R2 5%



TE Part #10211285-00
GROVE TSYS01_DPP201G000



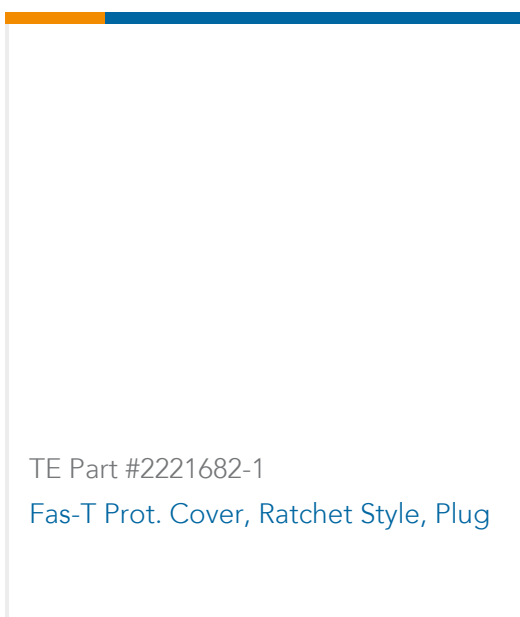
TE Part #3-1614893-5
CPF 0805 28K7 0.1% 25PPM 1K RL



TE Part #2204400-1
MULTI-BEAM HD R/A REC.
15S+2P+2P+15S



TE Part #A1004AS20T1
NTC THERMISTOR ASSEMBLY



TE Part #2221682-1
Fas-T Prot. Cover, Ratchet Style, Plug

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_HPP809A031_D.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_HPP809A031_D.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_HPP809A031_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[HTM2500LF-HUMIDITY](#)

English