

HPP809A033 ✓ ACTIVE

MEAS | MEAS HTM2500LF

TE Internal #: HPP809A033

TE Internal Description: HTM2500LFL HIGH TEMP RH/T MOD

Humidity Temperature Transducer

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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
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>](#)



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)                  Candidate List Declared Against: JUL 2021 (219)                  SVHC &gt; Threshold:                  4,4'-isopropylidenediphenol (Bisphenol A) (1% in Component)                  Dodecamethylcyclohexasiloxane (D6) (.5% in Component)                  Formamide (.2% in Component)</p> <p><b>Article Safe Usage Statements:</b>                  Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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 #640452-8  
08P MTA100 HDR ASSY SQ STR



TE Part #2-1462051-4  
HF3 93S=50OHM140MW 5V BIST 2CO



TE Part #5748270-2  
FEMALE SCREWLOCK,ZN PLTD



TE Part #1-1600961-8  
CONT 12-16 AWG PWR, STD PLATE



TE Part #20006464-00  
PRESS XDCR M3234-000005-100PG



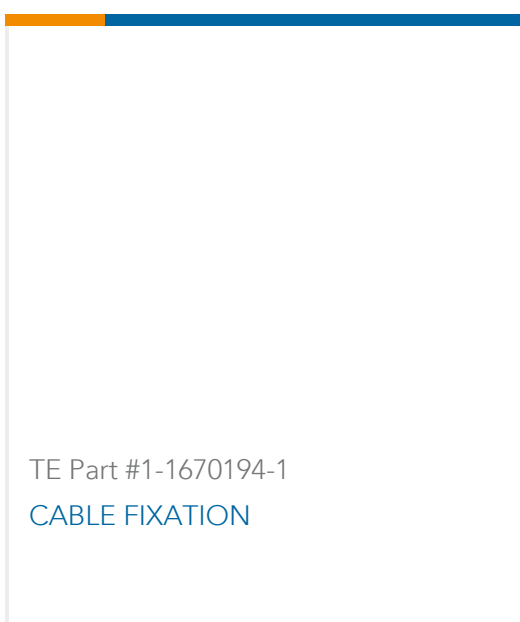
TE Part #3-1393117-0  
KUP-11A55-24=KU



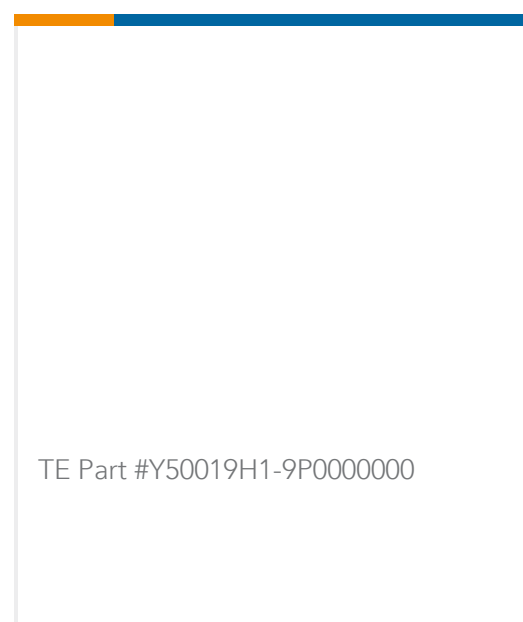
TE Part #6-1734857-5  
PCI EXP STRADDLE 64P BLK 30u"



TE Part #AS608-98PN  
PLUG BOOT TERMINN TYPE 6



TE Part #1-1670194-1  
CABLE FIXATION



TE Part #Y50019H1-9P0000000

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_HPP809A033\\_D.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_HPP809A033\\_D.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_HPP809A033\\_D.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[HTM2500LF-HUMIDITY](#)

English