

HPP805A031 ✓ ACTIVE

MEAS | MEAS HM

TE Internal #: HPP805A031

TE Internal Description: HM1500LF HUMIDITY MODULE

Relative Humidity Transducer

[View on TE.com >](#)



Sensors > Humidity Sensors > Humidity Sensor Assemblies > Relative Humidity Transducer



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

Supply Voltage (Peak): **5.5 VDC**

Operating Temperature Range: **-40 – 60 °C [ -40 – 140 °F ]**

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

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

[All Relative Humidity Transducer \(1\)](#)

## Features

### Product Type Features

Humidity Sensor Assembly Product Type	RH Module
Humidity Sensor Assembly Sensor Type	Analog

### Electrical Characteristics

Supply Voltage (Peak)	5.5 VDC
Current Consumption	1.4 mA
Output Impedance	70 Ω

### Usage Conditions

Operating Temperature Range	-40 – 60 °C [ -40 – 140 °F ]
Humidity Measuring Range	0 – 100 %RH
Humidity Sensor Assembly Accuracy	±3 %RH
Temperature Coefficient	-.05 %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>](#)

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	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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 HM**

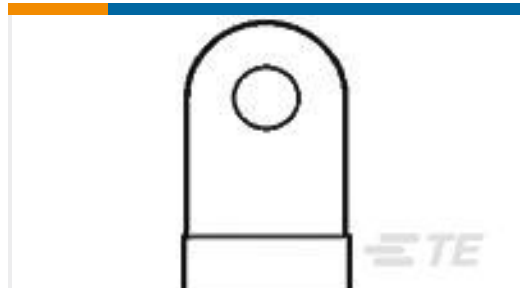


Humidity Sensor Assemblies(1)

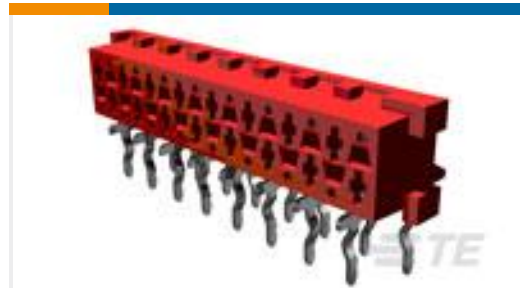
### Customers Also Bought



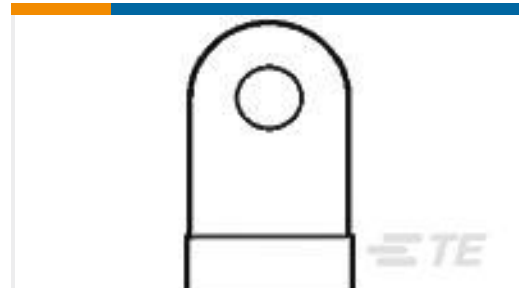
TE Part #6-6609107-6  
PS0SXDS3B=C1173



TE Part #36270  
TERMINAL,SOLIS FLAG R 12-10 8



TE Part #8-215460-2  
MICRO-MATCH FSID P



TE Part #36269  
TERMINAL,SOLIS FLAG R 12-10 6



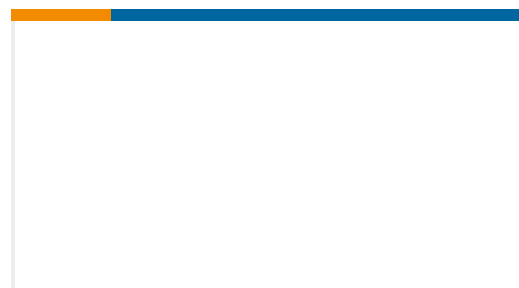
TE Part #87232-6  
06 MODII HDR SRRA UNSHRD .100



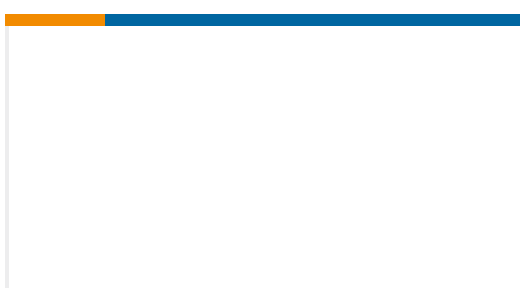
TE Part #1-338070-2  
MICRO-MATCH FEM.SE



TE Part #1-534998-8  
36 MODIV VRT DR CE 100/125



TE Part #6-1609148-5  
F8291B=6EHG8-2 W/Leads  
Terminated



TE Part #10202281-00  
PRESS XDCR M5241-000005-050PG

### Documents

#### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_HPP805A031\\_C1.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_HPP805A031\\_C1.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_HPP805A031\\_C1.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[HM1500LF](#)

English