HPP816E056 ✓ ACTIVE

MEAS | MEAS HTD

TE Internal #: HPP816E056

TE Internal Description: TRICAN 24V HTD2800P1B11C6STD

Digital RH Temperature Pressure Sensor

View on TE.com >

Humidity Sensor Product Type: **RHTP**

Supply Voltage (Peak):   **32 VDC**

Operating Temperature Range: **-40 - 105 °C [-40 - 221 °F]**

Accuracy: **±3 %RH**

Current Consumption: **25 mA**

All Digital RH Temperature Pressure Sensor (5)

Features

Product Type Features

Humidity Sensor Product Type	RHTP
Interface Signal Type	Digital

Electrical Characteristics

Supply Voltage (Peak)	32 VDC
Current Consumption	25 mA

Signal Characteristics

Baud Rate	250 Kb/s
Transmit Rate	100 msec

Usage Conditions

Humidity Operating Range	0 - 100 %RH
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Accuracy	±3 %RH

Operation/Application

Pressure (Max)	130 kPa

Other

Response Time	5 seconds

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (85% in Solder) **Article Safe Usage Statements:** 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.
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

TE Part # CAT-HSA0004

Digital RH Temperature Pressure Sensor

TE Part # FPP800A110

FPS2800B12C4 STD
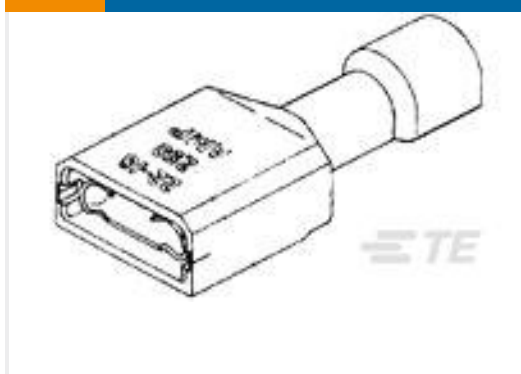
Also in the Series | MEAS HTD

Humidity Sensor Assemblies(3)
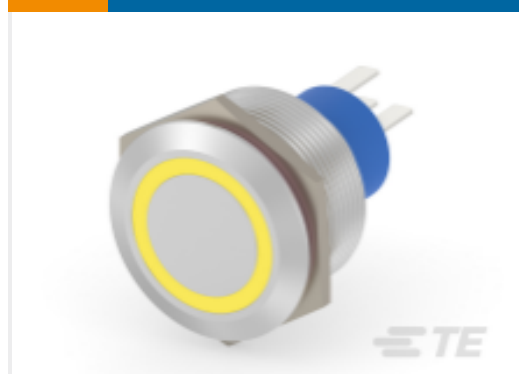
Customers Also Bought

TE Part # T4171010005-001
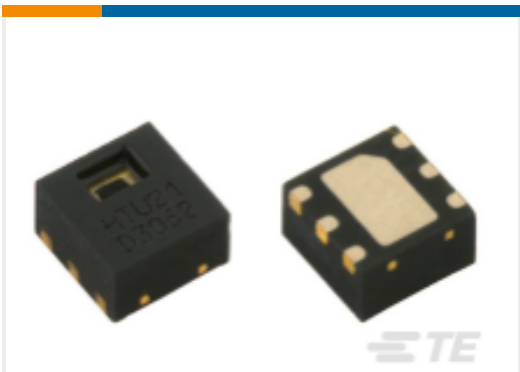M12,REAR MOUNTING,MALE,A,5P,0.2
M WIRE

TE Part # 7-520366-2
ULTRAFAST 110 ASSY REC 26-22
TPBR LP

TE Part # 2238236-1
SPLICE, AMPLIVAR, PIGTAIL, 2D, 600-
7000

TE Part # 2317656-5
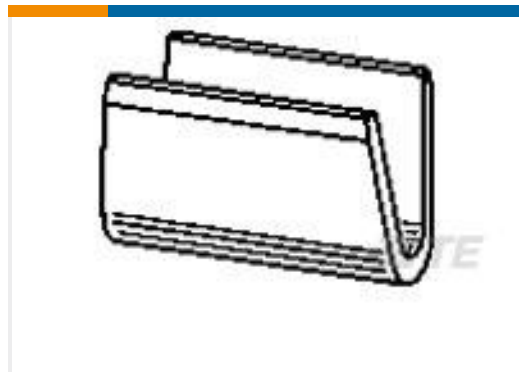AV25 SPM 3A MOVING RING
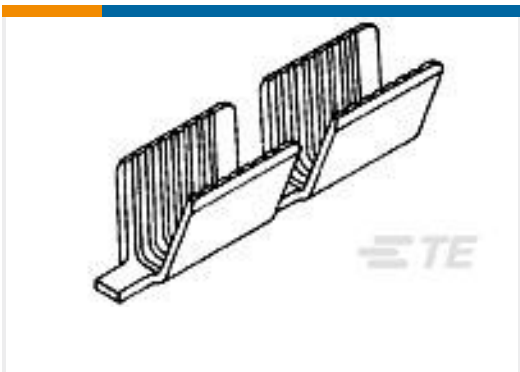YELLOW 12V

TE Part # HPP845E031R5
I.C 21D RH/T B5000

TE Part # 173716-2
040 HDIO REC CONT

TE Part # K1002915
Toggle Switch 08-1-1-14

TE Part # 140723-2
SPLICE 22-16 AWG .02 TPBR

TE Part # 62201-2
SPLC AMVAR 3000-7000 .020TPBR

TE Part # AS614-35SA
PLUG.BOOT TERMIN.N TYPE 6

Documents

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_HPP816E056_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_HPP816E056_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HPP816E056_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Data sheet TRICAN HTD2800PxB11C6V2

English