

1565380-1 ✓ ACTIVE

AMP | TH/.025 Connector System

TE Internal #: 1565380-1

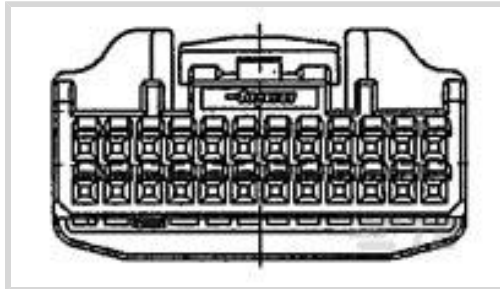
Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 28 Position, .087 in [2.2 mm] Centerline, TH/.025

Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **.64 mm [ .025 in ]**

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **28**

Centerline (Pitch): **2.2 mm [ .087 in ]**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(202\)](#)

## Features

### Product Type Features

|                           |   |
|---------------------------|---|
| Connector & Housing Shape | Rectangular                                 |
| Connector & Housing Type  | Housing for Female Terminals                |
| Connector System          | Wire-to-Board, Wire-to-Device, Wire-to-Wire |
| Sealable                  | No  |
| Hybrid Connector          | No  |
| Primary Locking Feature   | On the Terminal                             |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 28 |
| Number of Rows      | 2  |

### Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

### Body Features

|                       |         |
|-----------------------|---------|
| Cable Exit Angle      | 180°    |
| Body Material         | PBT     |
| Primary Product Color | Natural |



### Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | .63mm           |
| Contact Type     | Receptacle      |
| Mating Tab Width | .64 mm[.025 in] |

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Mounting Feature            | Without                    |
| Terminal Position Assurance | Yes                        |
| Strain Relief               | Without                    |
| Mating Alignment Type       | Polarized                  |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 2.2 mm[.087 in] |
|--------------------|-----------------|

### Dimensions

|                    |                  |
|--------------------|------------------|
| Product Width      | 33 mm[1.299 in]  |
| Product Length     | 21 mm[.827 in]   |
| Product Height     | 15.8 mm[.622 in] |
| Row-to-Row Spacing | 4.2 mm[.165 in]  |

### Usage Conditions

|                             |  |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,<br>105 °C[158 °F][167 °F][176 °F][185 °F][194 °F]<br>[212 °F][221 °F] |
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F]   |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method   | Bag |

### Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|



Connector Position Assurance Capable

No

### Product Compliance


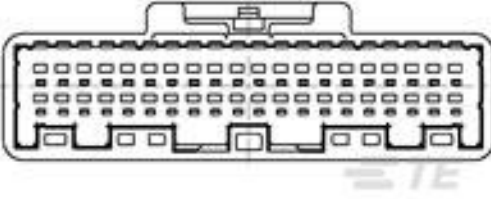
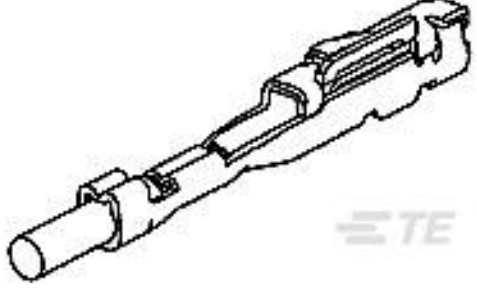
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| 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: JAN 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable 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

|  |   |  |
|--|---|--|
|  <p>TE Part # CAT-SIGH262<br/>SIGNAL HEADER</p> |  <p>TE Part # 1565377-1<br/>025 28POS CAP ASSY W TO W</p> |  <p>TE Part # 1123343-1<br/>025 REC CONTACT</p> |
|--|---|--|

Also in the Series | [TH/.025 Connector System](#)



Automotive Connector Caps & Covers (6)



Automotive Housings(203)



Automotive Seals & Cavity Plugs(2)



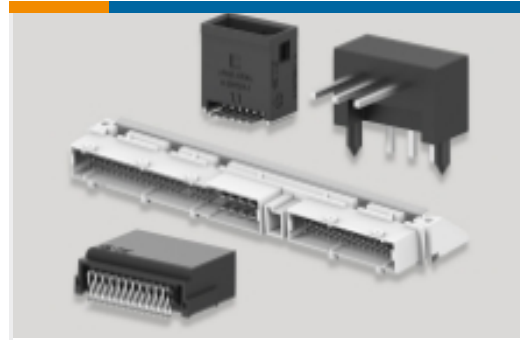
Automotive Terminals(25)



Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)

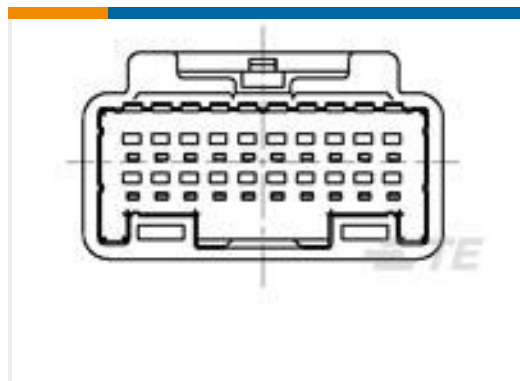


PCB Headers & Receptacles(144)

## Customers Also Bought



TE Part #60195-2  
205 FASTON FLAG REC 20-14 AWG TPBR



TE Part #1473750-1  
025 20POS CAP ASSY W TO W



TE Part #3-2112780-4  
AMP MCP, SEALED CONNECTOR HOUSING



TE Part #3-2322122-2  
HVP800 2P HEADER ASSY



TE Part #1-2355690-1  
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #1823735-1  
COVER,90DEG



TE Part #2321519-1  
24POS,TH 025,REC HSG ASSY,UNSLD



TE Part #1786053001  
55E0119-1.50-8(B01)



TE Part #517251-000  
CLTEQ-81-TSTR-MCR

## Documents



### Product Drawings

#### 025 28POS PLUG ASSY

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565380-1\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565380-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565380-1\\_B.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

#### TH/.025 Connector Series

English

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### Product Specifications

#### Crimping of 025 Receptacle Contact

Japanese

#### Application Specification

Japanese

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### Product Environmental Compliance

[MD\\_1565380-1\\_081020181421\\_dmtec](#)

English

[MD\\_1565380-1\\_081020181421\\_dmtec](#)

English

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### Instruction Sheets

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

Japanese

#### Instruction Sheet (non U.S.)

Japanese

#### 025 Wire to Wire Connector

Japanese

#### Instruction Sheet (non U.S.)

Japanese

#### 025 Wire to Wire Connector

1565380-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 28  
Position, .087 in [2.2 mm] Centerline, TH/.025 Connector System



Japanese