

1565380-1 ✓ ACTIVE

AMP | 0.64/025 Connector System

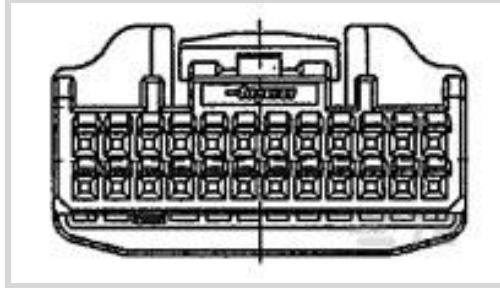
TE Internal #: 1565380-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 28 Position, 2.2 mm [.087 in] Centerline, 0.64/025 Connector System

[View on TE.com >](#)



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



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

Number of Positions: **28**

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

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

Sealable: **No**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(178\)](#)

## Features

### Product Type Features

|                          |   |
|--------------------------|---|
| Mixed & Hybrid Connector | No  |
| Connector Shape          | Rectangular                                 |
| Connector System         | Wire-to-Board, Wire-to-Device, Wire-to-Wire |
| Connector & Housing Type | Housing for Female Terminals                |
| Sealable                 | 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°    |
| Primary Product Color | Natural |

### Contact Features



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

#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

|                    |                  |
|--------------------|------------------|
| Connector Height   | 15.8 mm[.622 in] |
| Product Width      | 33 mm[1.299 in]  |
| Product Length     | 21 mm[.827 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, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][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


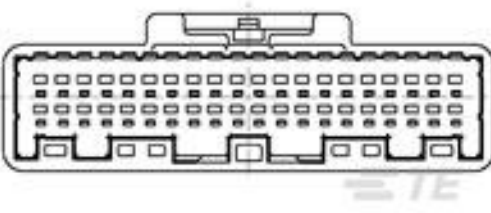
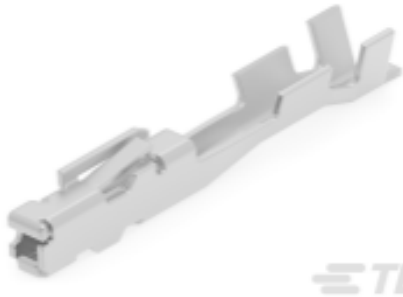
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 | [0.64/025 Connector System](#)



Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



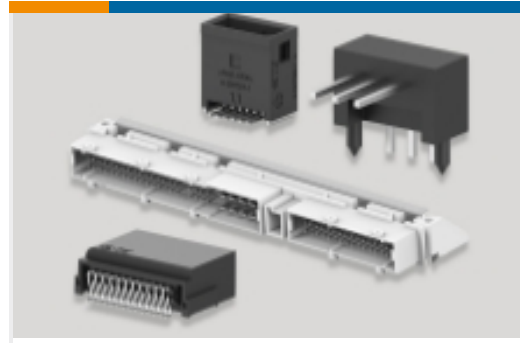
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)

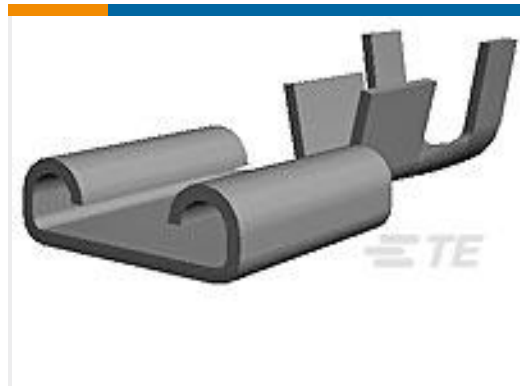


PCB Headers & Receptacles(158)

## Customers Also Bought



TE Part #1376368-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part #170179-2  
205 FASTON,REC.,18-14 AWG,TPBR



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



TE Part #2822343-3  
MINI MLC PLUG HSG ASSY 7P



TE Part #2109435-2  
060/110/250 LIF 36P PLUG ASSY



TE Part #1-2299987-1  
65W SEAL PLUG,CONN KIT

## Documents

**Product Drawings**  
**025 28POS PLUG ASSY**

English

**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.

---

### Product Specifications

[Crimping of 025 Receptacle Contact](#)

Japanese

[Application Specification](#)

Japanese

---

### 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](#)

Japanese