

1318917-1 ✓ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1318917-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device /  
Wire-to-Wire, 24 Position, 2.2 mm [.087 in] Centerline, 0.64/025  
Connector System

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



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

Number of Positions: **24**

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

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

Sealable: **No**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(177\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 24 |
| Number of Rows      | 2  |

### Housing Features

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



|                  |     |
|------------------|-----|
| Housing Material | PBT |
|------------------|-----|

### Contact Features

|                  |                 |
|------------------|-----------------|
| Mating Tab Width | .64 mm[.025 in] |
|------------------|-----------------|

|              |       |
|--------------|-------|
| Contact Size | .63mm |
|--------------|-------|

|              |            |
|--------------|------------|
| Contact Type | Receptacle |
|--------------|------------|

### Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|

### Operation/Application

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

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

|               |         |
|---------------|---------|
| Strain Relief | Without |
|---------------|---------|

|                             |     |
|-----------------------------|-----|
| Terminal Position Assurance | Yes |
|-----------------------------|-----|

|                       |           |
|-----------------------|-----------|
| Mating Alignment Type | Polarized |
|-----------------------|-----------|

|                  |      |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

### Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Operating Temperature (Max) | 105 °C[221 °F] |
|-----------------------------|----------------|

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

### Electrical Characteristics

|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

|                   |        |
|-------------------|--------|
| Operating Voltage | 12 VDC |
|-------------------|--------|

### Other

|                                      |    |
|--------------------------------------|----|
| Connector Position Assurance Capable | No |
|--------------------------------------|----|

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

|                   |           |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

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

### Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 5.9 mm[.232 in] |
|--------------------|-----------------|

|               |                   |
|---------------|-------------------|
| Product Width | 28.6 mm[1.126 in] |
|---------------|-------------------|

|                |                |
|----------------|----------------|
| Product Length | 21 mm[.827 in] |
|----------------|----------------|



Connector Height 15.8 mm [.622 in]

**Industry Standards**

UL Flammability Rating UL 94HB

**Packaging Features**

Packaging Quantity 100  
 Packaging Method Bag

**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**




TE Part # CAT-SIGH262  
Signal Header



TE Part # CAT-T319-CH8172  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part # CAT-PFSMTH9264  
Press-Fit & SMT Header



TE Part # 1123343-1  
025 REC CONTACT



TE Part # CAT-HPCH5372  
High Pin Count Header



TE Part # 2219598-1  
025 DUAL HDR 56P ASSY



TE Part # 2237067-4  
24POS, TAB0.64X0.64, HDR ASSY, 90  
DEG, SMD



TE Part # 2288388-1  
24POS, TAB0.64X0.64, HEADER ASSY  
DEG, SMD



TE Part # 2403412-1  
24POS, TH 025, TAB HSG ASSY, UNSLD



TE Part # 2237067-3  
24POS, TAB0.64X0.64, HDR ASSY, 90  
DEG, SMD



TE Part # 1-1318853-8  
025 24POS CAP ASSY H AU



TE Part # 1-6318853-2  
025 24POS CAP ASSY H AU



TE Part # 2-1318853-3  
025 CAP HSG ASSY 24P




TE Part # 2-1318853-4  
025 24POS CAP ASSY H TIN



TE Part # 6318853-3  
025 24 pos Cap Assy H 4 Au


Also in the Series | **0.64/025 Connector System**




Automotive Connector Caps & Covers  
(5)



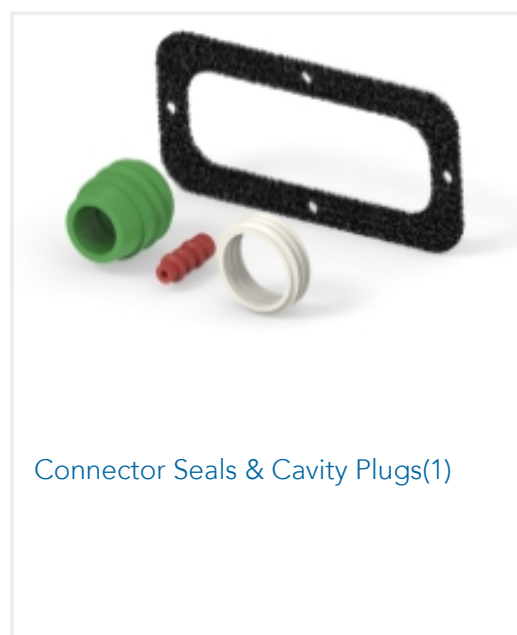
Automotive Connector Locks &  
Position Assurance(1)



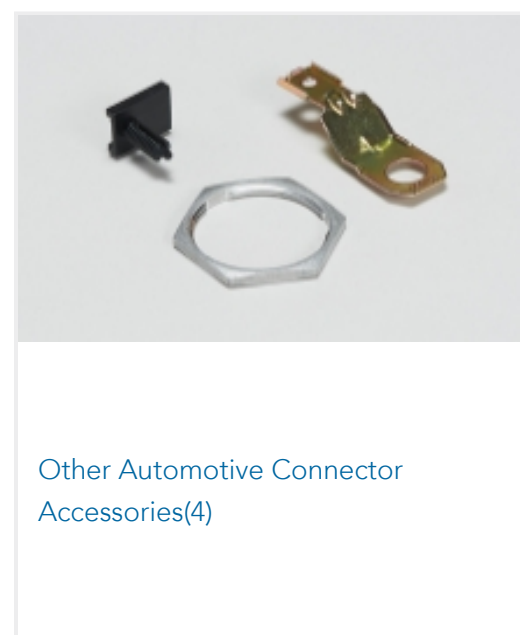
Automotive Housings(124)



Automotive Terminals(16)



Connector Seals &amp; Cavity Plugs(1)

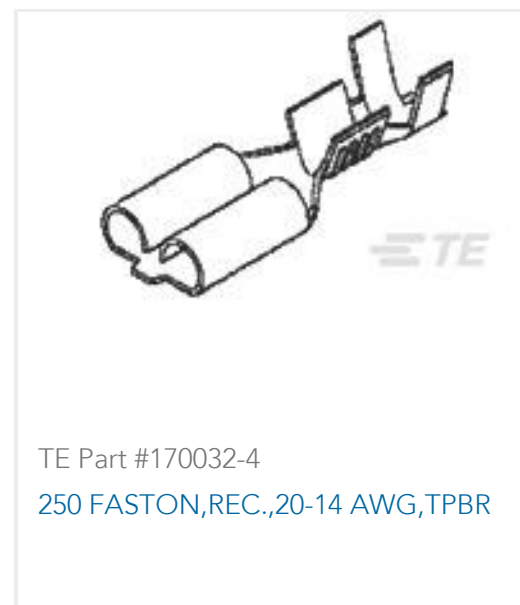
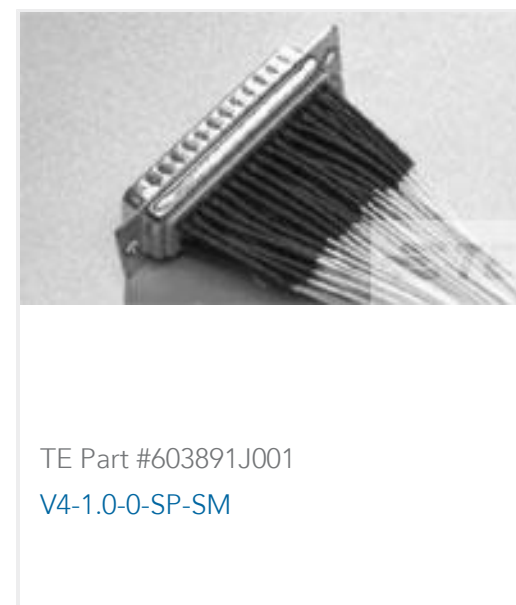


Other Automotive Connector Accessories(4)



PCB Headers &amp; Receptacles(155)

## Customers Also Bought

TE Part #1379674-2  
TH/.025 CONNECTOR SYSTEM,  
HOUSINGTE Part #170032-4  
250 FASTON, REC., 20-14 AWG, TPBRTE Part #603891J001  
V4-1.0-0-SP-SMTE Part #1534390-1  
STD POW TIM HSG 5PTE Part #1318620-3  
025 ANCHOR HEIGHT SENSOR 4POS  
PLUG HSGTE Part #2305881-1  
CVTY PLUG, 090 SERIES, CVTY DIA, 1,  
GRY

## Documents

### Product Drawings

[025 ECU PLUG HSG ASSY 24P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1318917-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1318917-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1318917-1\\_C.3d\\_stp.zip](#)

English

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



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**Product Specifications**

**Crimping of 025 Receptacle Contact**

Japanese

**Application Specification**

Japanese

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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**

Japanese

**025 G Wire to Wire Connector**

Japanese

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

Japanese

**025 G Wire to Wire Connector**

Japanese

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

Japanese

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

Japanese

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

English

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

English