

1674312-1 ✓ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1674312-1

12 V, 40 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.2 mm [.086 in] Centerline, Natural, 0.64/025 Connector System

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



Nominal Voltage Architecture: 12 V

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

Number of Positions: **40**

Sealable: **No**

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

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(167\)](#)

## Features

### Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector & Housing Type          | Housing for Female Terminals |
| Sealable                          | No                           |
| Primary Locking Feature           | Integrated in Housing        |
| Connector System                  | Wire-to-Board                |
| Connector & Contact Terminates To | Wire & Cable                 |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 40 |
| 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     | .64mm           |
| Contact Type     | Receptacle      |
| Mating Tab Width | .64 mm[.025 in] |

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Polarization               |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PBT             |
| Centerline (Pitch) | 2.2 mm[.086 in] |

### Dimensions

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 3 mm[.11 in]     |
| Product Width      | 21 mm[.83 in]    |
| Product Length     | 46.2 mm[1.82 in] |
| Connector Height   | 15.8 mm[.62 in]  |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

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

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|



Packaging Method Bag

**Other**

|                                      |    |
|--------------------------------------|----|
| Serviceable                          | No |
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| Solder Process Capability                     | Not applicable for solder process capability  |

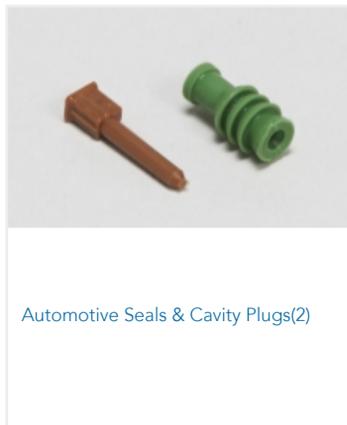
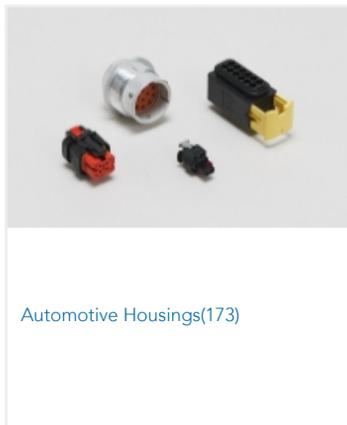
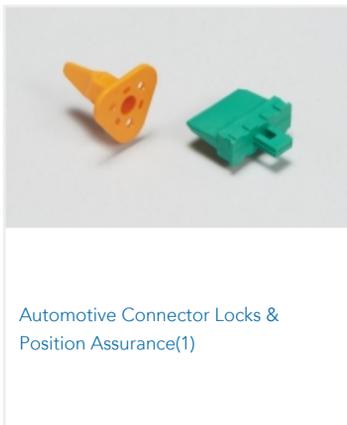
**Product Compliance Disclaimer**

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**

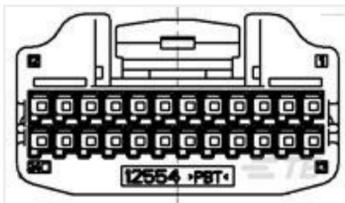


Also in the Series | **0.64/025 Connector System**



Customers Also Bought





TE Part #1717118-1  
0.64 III 32POS PLUG ASSY



TE Part #2069957-1  
0.50/1.0 SEALED WIRE COVER 140P  
TYPE-II



TE Part #2174106-1  
PLUG HOUSING ASSEMBLY 50POS 0.5  
/1.0



TE Part #2301724-6  
16POS,060 SERIES,REC HSG,UNSLD  
/1.0



TE Part #2367840-2  
66POS,0.5 SERIES,REC HSG ASSY,SLD



TE Part #2367848-1  
REC CONN CVR ASSY,66POS,0.5  
SERIES,TYPE1

## Documents

### Product Drawings

#### 0.64 III 40POS PLUG ASSY

Japanese

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674312-1\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674312-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1674312-1\\_C.3d\\_stp.zip](#)

English

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

### Product Specifications

#### CRIMPING OF 0.64III RECEPTACLE CONTACT

Japanese

### Application Specification

Japanese

### Instruction Sheets

#### Extraction Tool for 0.64III Housing Lance Receptacle Contact

Japanese



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

Japanese

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

English

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

English

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

Japanese