

1746863-1  ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1746863-1

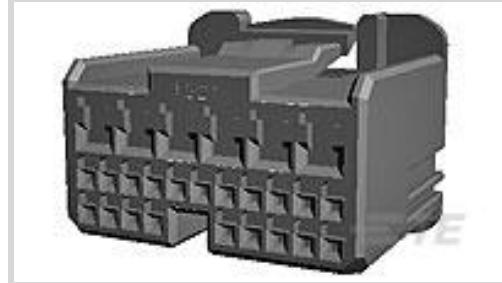
Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 26

Position, 0.64/025 Connector System

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



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

Number of Positions: **26**

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

Centerline (Pitch): **2.2 mm, 4 mm, 6.6 mm [ .087 in, .157 in, .26 in ]**

Sealable: **No**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(192\)](#)

## Features

### Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Mixed & Hybrid Connector | Yes                           |
| Connector Shape          | Rectangular                   |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Connector & Housing Type | Housing for Female Terminals  |
| Sealable                 | No                            |
| Primary Locking Feature  | Integrated in Housing         |

### Configuration Features

|                     |      |
|---------------------|------|
| Number of Positions | 26   |
| Number of Rows      | 2, 3 |

### 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, 2.3mm |
|--------------|--------------|

Contact Type

Receptacle

Mating Tab Width

.64 mm, 2.3 mm[.025 in][.09 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, 4 mm, 6.6 mm[.087 in][.157 in][.26 in]

**Dimensions**

Connector Height

20.9 mm[.823 in]

Product Width

26.8 mm[1.055 in]

Product Length

22 mm[.866 in]

Row-to-Row Spacing

3 mm[.118 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

Box

**Other**

Serviceable

Yes

Connector Position Assurance Capable

No

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024<br>(240)<br>Candidate List Declared Against: JAN 2024<br>(240)<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

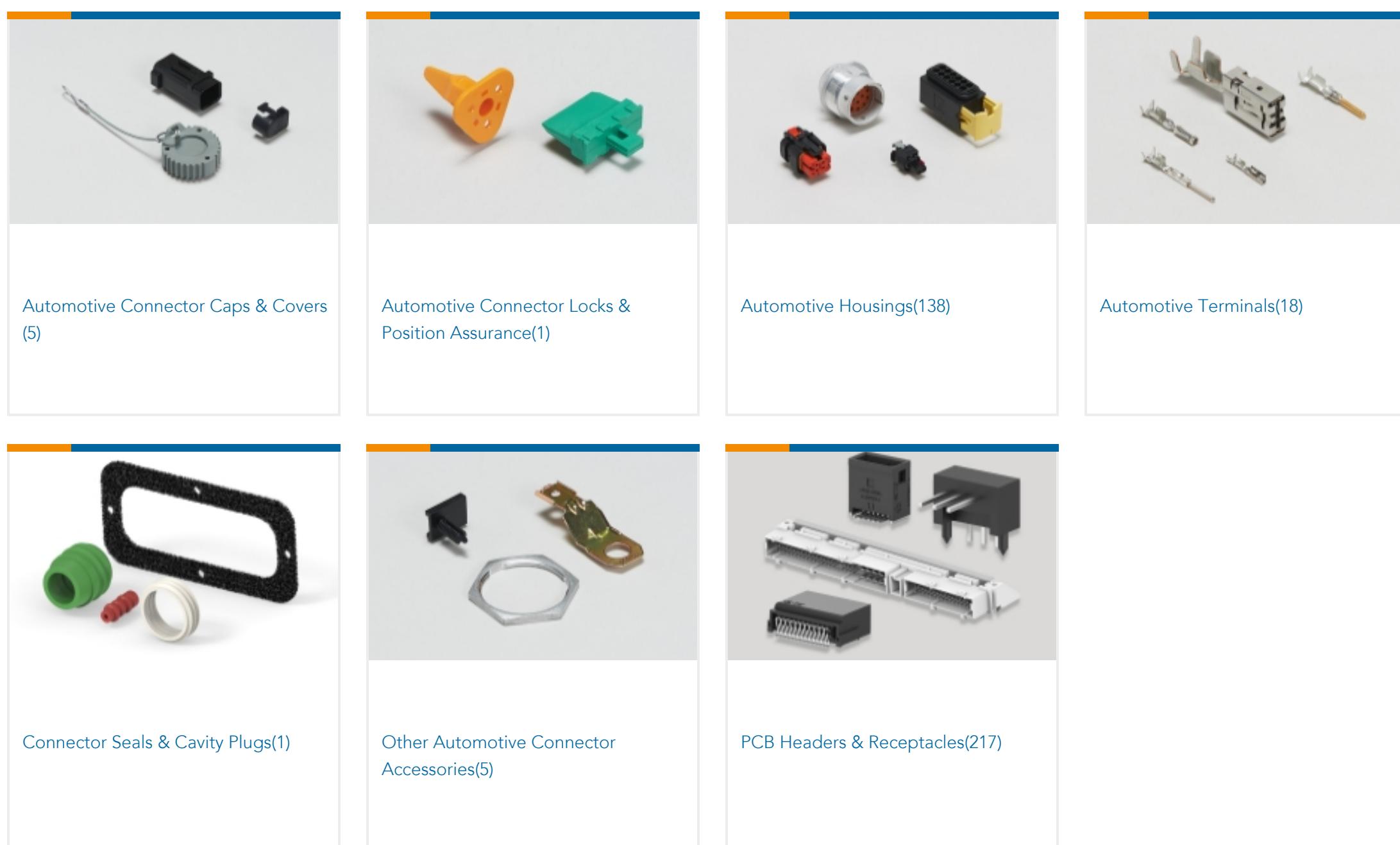
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-HPCH5372  
High Pin Count Header

Also in the Series | [0.64/025 Connector System](#)



## Customers Also Bought



## Documents

### Product Drawings

[0.64III/2.3II 26POS PLUG ASSY](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1746863-1\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

**Customer View Model**[ENG\\_CVM\\_CVM\\_1746863-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_1746863-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****TH/.025 Connector Series**

English

**Product Specifications****CRIMPING OF 0.64III RECEPTACLE CONTACT**

Japanese

[Application Specification](#)

Japanese

**Instruction Sheets**[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese

[Extraction Tool for 0.64III Housing Lance Receptacle Contact](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese