



**TH/.025 Connector System**

TE Internal #: 1747085-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 6

Position, .087 in [2.2 mm] Centerline, Natural, Signal, 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**

Number of Positions: **6**

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 |
| Sealable                  | No                            |
| Hybrid Connector          | No                            |
| Primary Locking Feature   | Integrated in Housing         |

**Configuration Features**

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| 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     | .64mm           |
| 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      | 8.8 mm[.346 in]  |
| Product Length     | 21 mm[.827 in]   |
| Product Height     | 10.1 mm[.398 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,<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 | 500 |
| 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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>

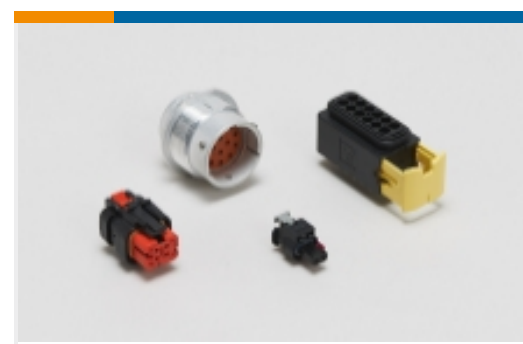
### Compatible Parts



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



Automotive Connector Caps &amp; Covers (6)



Automotive Housings(203)



Automotive Seals &amp; Cavity Plugs(2)



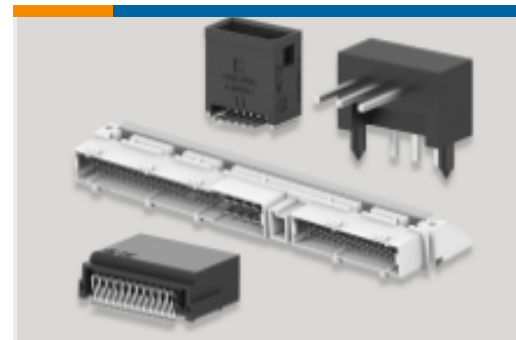
Automotive Terminals(25)



Insertion &amp; Extraction Tools(4)

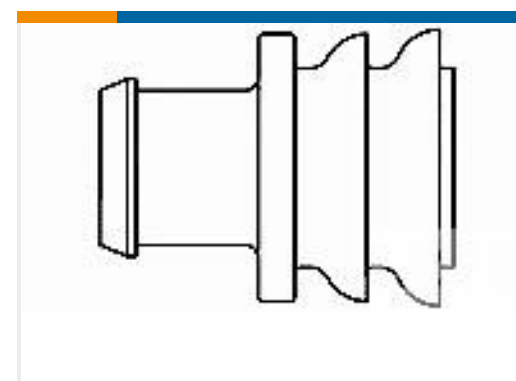


Other Automotive Connector Accessories(5)



PCB Headers &amp; Receptacles(144)

## Customers Also Bought

TE Part #DT04-2P  
DEUTSCH DT Series Housings & ConnectorsTE Part #W2S  
DEUTSCH DT WEDGELOCKSTE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part #281934-2  
SINGLE WIRE SEALTE Part #0460-202-16141  
DEUTSCH SOLID CONTACTSTE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

[0.64 6POS PLUG ASSY](#)

Japanese

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1747085-1\\_A.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_1747085-1\\_A.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1747085-1\\_A.2d\\_dxf.zip](#)

English

**3D PDF**

3D

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 0.64III RECEPTACLE CONTACT](#)

Japanese

[Application Specification](#)

Japanese

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## Instruction Sheets

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

Japanese

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

Japanese