

1674742-1 ✓ ACTIVE



## TH/.025 Connector System

TE Internal #: 1674742-1

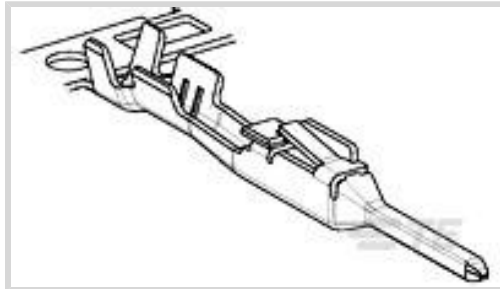
Automotive Terminals, Tab, Mating Tab Width .64 mm [.025 in], Tab

Thickness .64 mm [.025 in], 22 – 20 AWG Wire Size, TH/.025

Connector System

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



Terminal Type: **Tab**

Mating Tab Width: **.64 mm [.025 in]**

Mating Tab Thickness: **.64 mm [.025 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **22 – 20 AWG**

[All TH/.025 CONNECTOR SYSTEM, RECPT AND TAB \(27\)](#)

## Features

### Product Type Features

|                         |               |
|-------------------------|---------------|
| Receptacle Style        | 180°          |
| Sealable                | No            |
| Primary Locking Feature | Locking Lance |

### Contact Features

|  |                  |
|--|------------------|
| Contact Size                                   | .64mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Typical Current Rating                         | 4 A              |
| Crimp Type                                     | F-Crimp          |
| Terminal Type                                  | Tab              |
| Mating Tab Width                               | .64 mm[.025 in]  |
| Mating Tab Thickness                           | .64 mm[.025 in]  |
| Interface Plating                              | Tin (Sn)         |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

## Dimensions



|                                      |                           |
|--------------------------------------|---------------------------|
| Compatible Insulation Diameter Range | 1.1 – 1.6 mm              |
| Wire Size                            | .37 – .56 mm <sup>2</sup> |
| Wire Size Search                     | 20 AWG, 21 AWG, 22 AWG    |

### Usage Conditions

|                             |  |
|-----------------------------|--|
| Insulation Option           | Uninsulated  |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [176 °F]<br>[185 °F][194 °F][212 °F][221 °F] |
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F]  |

### Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

### Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
| Packaging Method   | Reel  |

### Other

|                    |                      |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

## 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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-T319-CH8172  
TH/.025 CONNECTOR SYSTEM,  
HOUSING

TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No  
Crimp

TE Part # 1463260-1  
DAHT 025 TAB REC G-Tab 22-20 ASSY

TE Part # 1366865-1  
EXT-TOOL FOR 025 TAB

TE Part # 2151216-1  
OCEAN\_2.0 APPLICATOR-S-055F055F

TE Part # 2151216-2  
OCEAN\_2.0 APPLICATOR-S-055F055F

TE Part # 7-2151216-1  
OCEAN\_2.0 APPLICATOR-S-055F055F

TE Part # 7-2151216-2  
OCEAN\_2.0 APPLICATOR-S-055F055F

**KIT**  
TE Part # 7-2151216-7  
OCEAN\_2.0 SPARE PART KIT-  
055F055F

TE Part # 2-2151216-1  
OCEAN\_2.0 APPLICATOR-S-055F055F

TE Part # 7-1579014-3  
HT11K HAND TOOL TH 0.25  
CONTACTS

TE Part # 2-1722368-7  
ISOLATION CRIMP PLATE

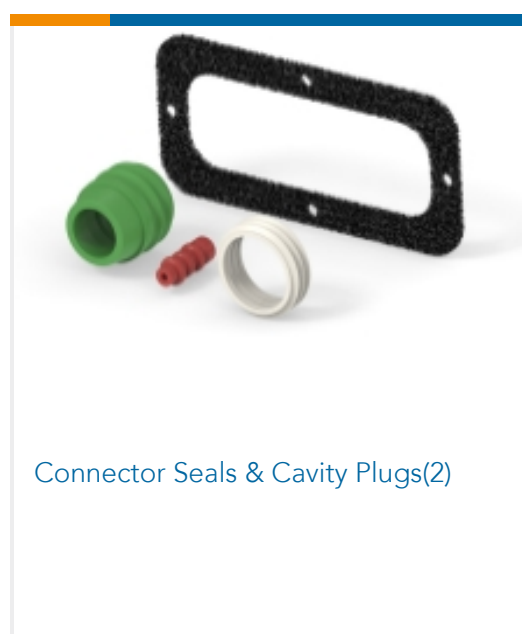
## Also in the Series | TH/.025 Connector System

Automotive Connector Caps & Covers  
(6)

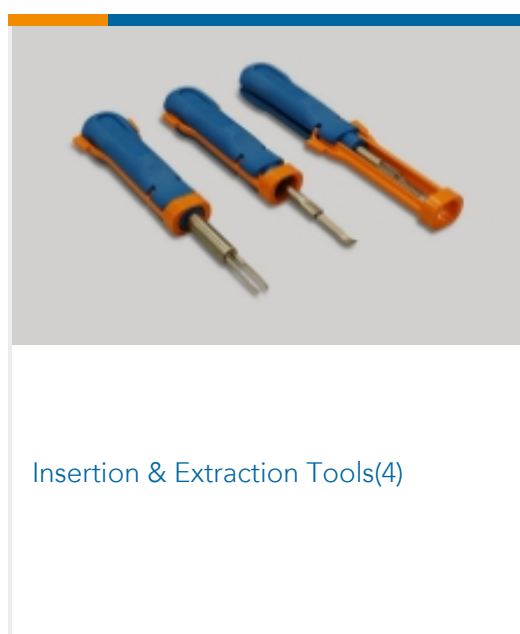
Automotive Connector Locks &  
Position Assurance(1)

Automotive Housings(224)

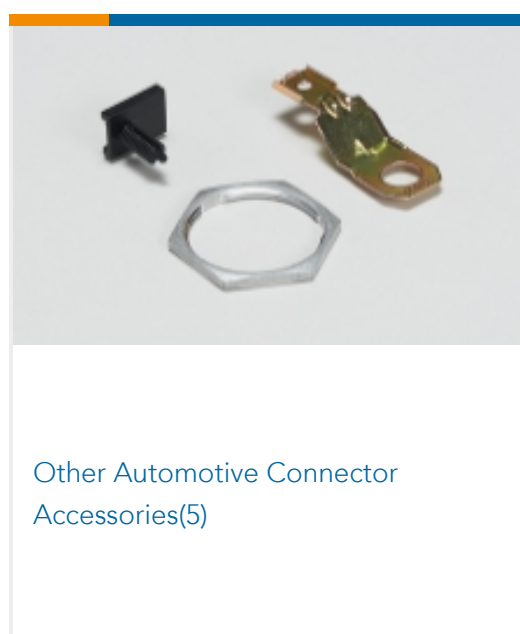
Automotive Terminals(26)



Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(163)

## Customers Also Bought



TE Part #1473413-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part #4159206001  
DSPL-NR1-X-50MM



TE Part #1376039-1  
040 NK TAB CONT PRE TIN



TE Part #85284-1  
070 MLC 2P CAP HSG(CLIP TYPE)



TE Part #880634-5  
FF 110 REC 0.5-1.0 MM2 0.25 X 12.3  
PTPBR



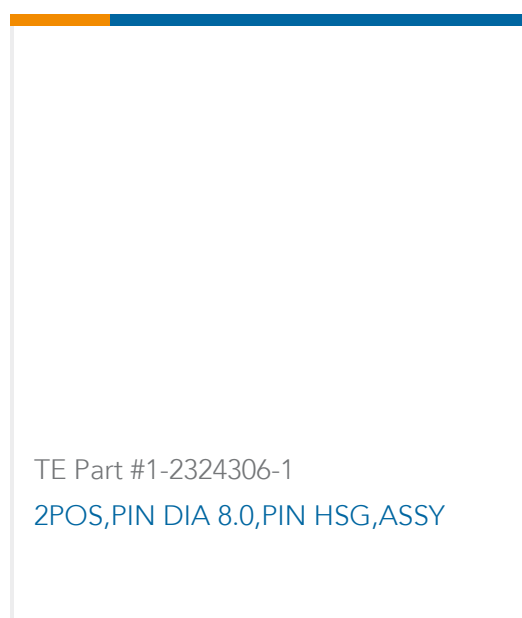
TE Part #4-1456426-1  
4POS, MCON 1.2 CB REC 2p TL  
SEALED



TE Part #936286-1  
CLIP FOR 090III(7.0KEY HOLE)



TE Part #K2000791  
Micro Switch MZX1 021 302



TE Part #1-2324306-1  
2POS,PIN DIA 8.0,PIN HSG,ASSY

## Documents

### Product Drawings

[025 TH TAB CONTACT](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1674742-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)





3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1674742-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1674742-1\\_B.3d\\_stp.zip](#)

English

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

[Application Specification](#)

English

[CRIMPING 025 TH TAB CONTACT](#)

Japanese

[Application Specification](#)

Japanese

[Application Specification](#)

Japanese

[CRIMPING 025 TH TAB CONTACT](#)

Japanese

[Application Specification](#)

English

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## Instruction Sheets

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

English

[0.64/2.3 Hybrid Connector \(Wire to Board , Wire to Wire\)](#)

English

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

English

[0.64/2.3 Hybrid Connector \(Wire to Board, Wire to Wire\)](#)

English

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