# 1674558-1 ✔ ACTIVE

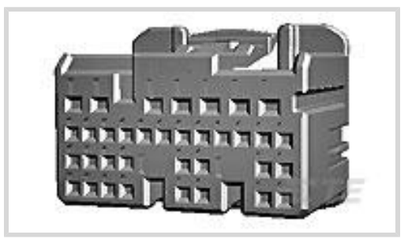
TH/.025 Connector System

TE Internal #: 1674558-1

TH/.025 Connector System, Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 35 Position, 2.2mm / 3.2mm [.126in / .087in] Centerline

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, 1 mm [ .025 in, .04 in ]**

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

Number of Positions: **35**

Centerline (Pitch): **2.2 mm, 3.2 mm [ .087 in, .126 in ]**

All TH/.025 CONNECTOR SYSTEM, HOUSING (205)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 35 |
| Number of Rows | 2, 3, 4 |

### 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

| | |
|---|---|
| Mating Tab Width | .64 mm, 1 mm[.025 in][.04 in] |

### Mechanical Attachment

| | |
|---|---|
| Mounting Feature | Without |
| Terminal Position Assurance | Yes |
| Strain Relief | No |
| Mating Alignment Type | Polarized |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2.2 mm, 3.2 mm[.087 in][.126 in] |

### Dimensions

| | |
|---|---|
| Product Width | 24.4 mm[.961 in] |
| Product Length | 21 mm[.827 in] |
| Product Height | 23 mm[.906 in] |
| Row-to-Row Spacing | 3.65 mm, 4 mm, 5.36 mm[.144 in][.157 in][.211 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 | Bag |

### Other

| | |
|---|---|
| Serviceable | Yes |
| Connector Position Assurance Capable | No |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

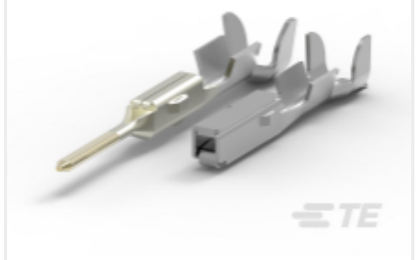
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |

| | |
|---|---|
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # CAT-T319-T273
TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



TE Part # CAT-HPCH5372
HIGH PIN COUNT HEADER

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



Automotive Connector Caps & Covers (6)



Automotive Headers(147)



Automotive Housings(206)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(31)



Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)

## Customers Also Bought



TE Part #1674312-2
TH/.025 CONNECTOR SYSTEM, HOUSING



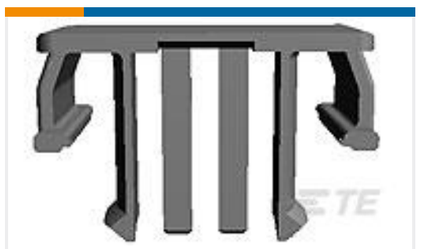
TE Part #1612290-1
TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



TE Part #1565963-2
MULTILOCK, RECEPTACLE AND TAB



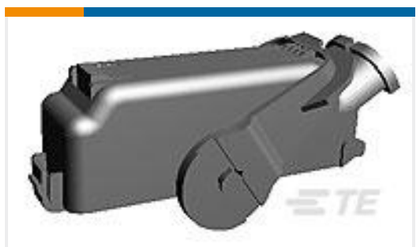
TE Part #1612288-1
SEALED 0.64/2.3II 60POS LEVER



TE Part #1473140-1
SQUIB 11DIA MK-2 LOCKING BUTTO



TE Part #900324-4
070 RUBBER PLUG S



TE Part #1612684-2
060/187 ABS 26P LEVER ASSY

## Documents

### Product Drawings

0.64 III/1.0 III 35POS PLUG ASSY (A)

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1674558-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1674558-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1674558-1_B.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

### Application Specification

Japanese

### Crimping .040III Unsealed Contact, Receptacle

Japanese

### CRIMPING OF 0.64III RECEPTACLE CONTACT

Japanese

### Application Specification

Japanese

## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English

## Instruction Sheets

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

Japanese

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

Japanese

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

Japanese

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

Japanese

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

Japanese