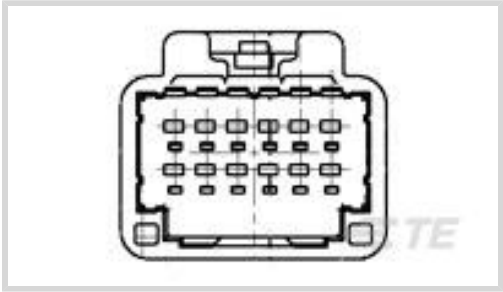




Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Connector System: **Wire-to-Wire**

Number of Positions: **12**

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

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

Sealable: **No**

[All TH/.025 Connector System, Housing \(192\)](#)

Features

Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| Mixed & Hybrid Connector | No                         |
| Connector Shape          | Rectangular                |
| Connector System         | Wire-to-Wire               |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable                 | No                         |
| Primary Locking Feature  | On the Terminal            |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| 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     | Tab             |
| Mating Tab Width | .64 mm[.025 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[.087 in] |

Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Height   | 15.8 mm[.622 in]  |
| Product Width      | 18.6 mm[.732 in]  |
| Product Length     | 35.2 mm[1.386 in] |
| Row-to-Row Spacing | 4.2 mm[.165 in]   |

Usage Conditions

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F] |
| Operating Temperature Range | -30 - 80 °C[-22 - 176 °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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (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-T319-CH8172  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



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



TE Part # CAT-M9194-T273  
MULTILOCK, RECEPTACLE AND TAB



TE Part # 1717759-1  
GROUND PLATE

Also in the Series | 0.64/025 Connector System





Automotive Connector Caps & Covers  
(5)

Automotive Connector Locks &  
Position Assurance(1)

Automotive Housings(138)

Automotive Terminals(18)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector  
Accessories(5)

PCB Headers & Receptacles(217)

Customers Also Bought

TE Part # 1318774-2  
025 ECU PLUG HSG ASY 12P BLACK

TE Part # 1903614-1  
0.50 CONNECTOR SYSTEM,  
CONNECTOR HOUSING

TE Part # 2005575-1  
060/110/250 LIF 38P PLUG ASSY WHI

TE Part # 1903608-4  
0.50 SERIES CONN 12POS PLUG  
HOUSING ASSY

TE Part # 2109435-2  
060/110/250 LIF 36P PLUG ASSY

TE Part # 2294463-3  
MCON 1.2 CB TAB MONO

TE Part # 2297494-1  
MQS ONE PIECE TAB 0.22~0.35 EMEA

Documents

- Product Drawings

025 12POS CAP ASSY W TO W

Japanese
- CAD Files

Customer View Model

ENG\_CVM\_CVM\_1565894-1\_B.2d\_dxf.zip

English
- 3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1565894-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1565894-1\\_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

[.025 IDC Connectors](#)

Japanese

[Application Specification](#)

Japanese

Instruction Sheets

[025 WIRE TO WIRE MALE CONNECTOR](#)

Japanese

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

Japanese

[025 WIRE TO WIRE MALE CONNECTOR](#)

Japanese

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

Japanese