



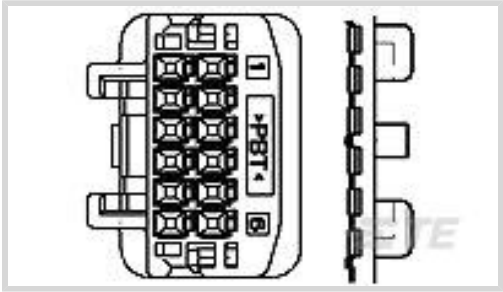
TH/.025 Connector System

TE Internal #: 1565804-2

Housing for Male Terminals, Wire-to-Wire, 8 Position, .087 in [2.2 mm] Centerline, Natural, Signal, TH/.025 Connector System

[View on TE.com >](#)

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



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

Number of Positions: **8**

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

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

Sealable: **No**

[All TH/.025 Connector System, Housing \(217\)](#)

Features

Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| 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 | 8 |
| 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 | .63mm |
|--------------|-------|



|                  |                 |
|------------------|-----------------|
| 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   | 14.7 mm[.579 in]  |
| Product Width      | 14.2 mm[.559 in]  |
| Product Length     | 33.9 mm[1.335 in] |
| Row-to-Row Spacing | 4.2 mm[.165 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 | 200 |
| 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 2023 (235)<br>Candidate List Declared Against: JAN 2022 (223)<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 # 1674742-1  
025 TH TAB CONTACT

Also in the Series | TH/.025 Connector System





Automotive Connector Caps & Covers  
(6)



Automotive Housings(223)



Automotive Terminals(26)



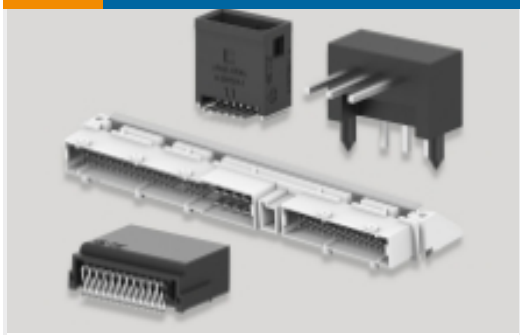
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(4)



Other Automotive Connector  
Accessories(5)

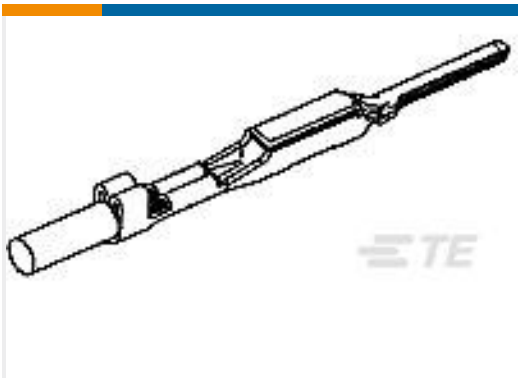


PCB Headers & Receptacles(163)

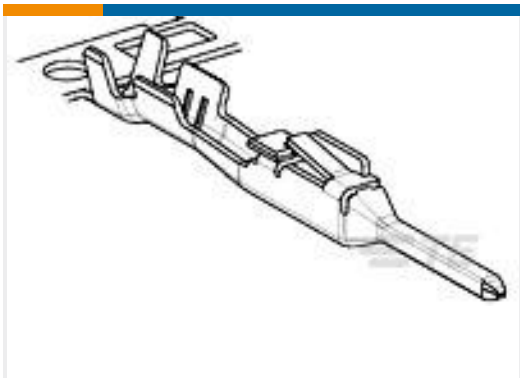
Customers Also Bought



TE Part #927829-5  
TIMER, RECEPTACLE AND TAB



TE Part #316834-1  
040-3 SEALED CONT TAB S



TE Part #1674742-1  
025 TH TAB CONTACT



TE Part #1801431-1  
RCPT CONT, 8MM NG1+, MAXIFUSE,  
2.5-4 MM2



TE Part #1801614-3  
4 MINIFUSES CLIPSHUNT (2,5-4)



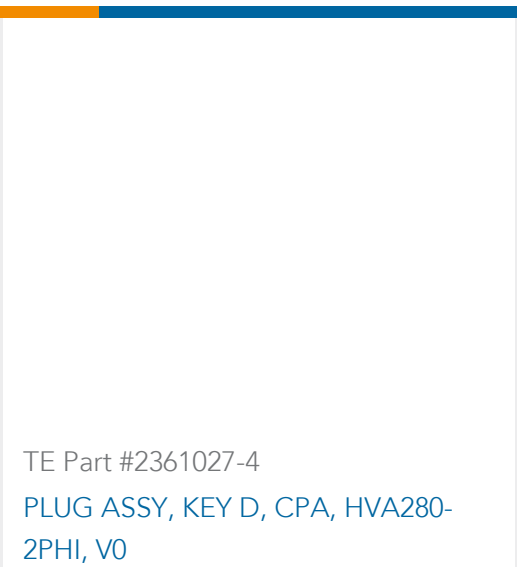
TE Part #2341055-4  
SEAL RETAINER,2POS,ASSY , HVA280  
2PHI



TE Part #2361027-1  
PLUG ASSY, KEY A, CPA, HVA280-  
2PHI, V0



TE Part #2361027-2  
PLUG ASSY, KEY B, CPA, HVA280-  
2PHI, V0



TE Part #2361027-4  
PLUG ASSY, KEY D, CPA, HVA280-  
2PHI, V0

Documents



Product Drawings

025 G 8POS CAP ASSY W TO W

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1565804-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1565804-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1565804-2\_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

Crimping of 025 G Tab Contact

Japanese

Application Specification

Japanese

CRIMPING 025 TH TAB CONTACT

Japanese

Application Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

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.)

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Japanese