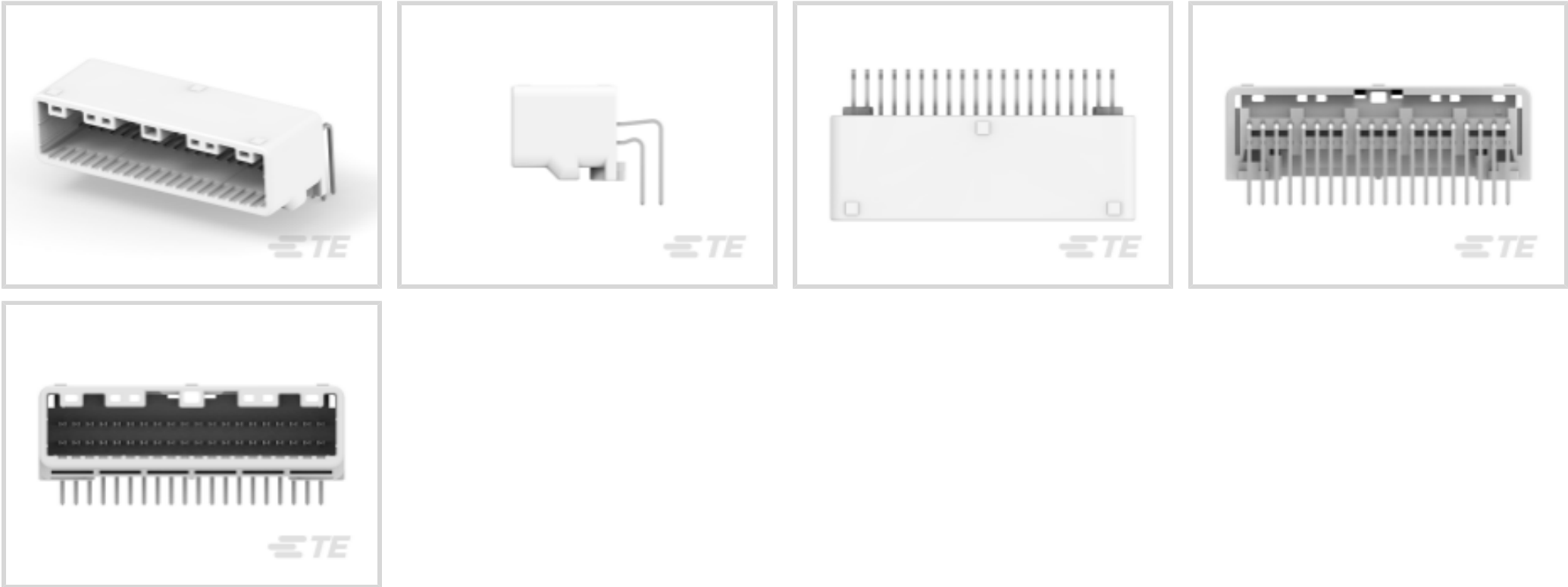




Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **40**

Number of Rows: **2**

[All Signal Header \(240\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Type                | PCB Mount Header      |
| Connector System                  | Wire-to-Board         |
| Header Type                       | Fully Shrouded        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                            |            |
|----------------------------|------------|
| Number of Signal Positions | 40         |
| Number of Sections         | 1          |
| PCB Mount Orientation      | Horizontal |
| Number of Positions        | 40         |



|                |   |
|----------------|---|
| Number of Rows | 2 |
|----------------|---|

Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Voltage Rating (Max)         | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Contact Size                         | .64mm           |
| Mating Tab Width                     | .64 mm[.025 in] |
| Mating Tab Thickness                 | .64 mm[.025 in] |
| Contact Mating Area Plating Material | Tin (Sn)        |
| Contact Type                         | Tab             |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| Panel Mount Feature     | Without           |
| Mating Retention Type   | Locking Interface |
| Mounting Holes          | With              |
| Mating Retention        | With              |
| PCB Mount Retention     | Without           |
| PCB Mount Alignment     | Without           |
| Connector Mounting Type | Board Mount       |
| Mating Alignment        | With              |

Housing Features

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

Dimensions

|                             |                              |
|-----------------------------|------------------------------|
| Connector Width             | 49.4 mm[1.945 in]            |
| PCB Thickness (Recommended) | 1.2 – 1.6 mm[.047 – .063 in] |
| Profile Height from PCB     | 15.5 mm[.61 in]              |
| Connector Length            | 24.47 mm[.963 in]            |



Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 105 °C[221 °F]             |
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |

Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 9    |
| Packaging Method   | Tube |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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                     | Wave solder capable to 240°C                                                                                                  |

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>

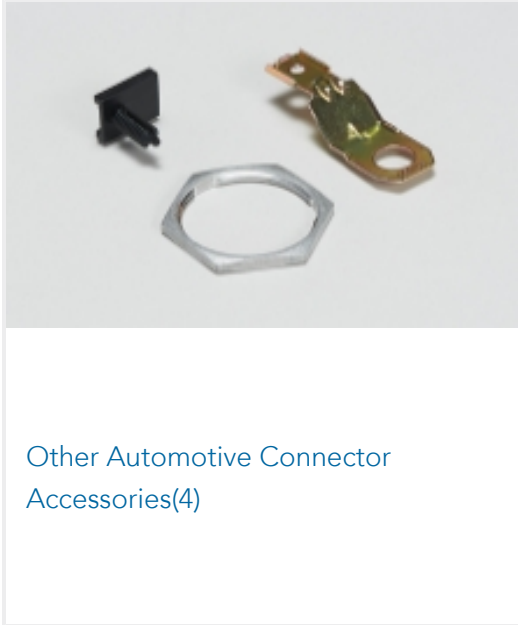
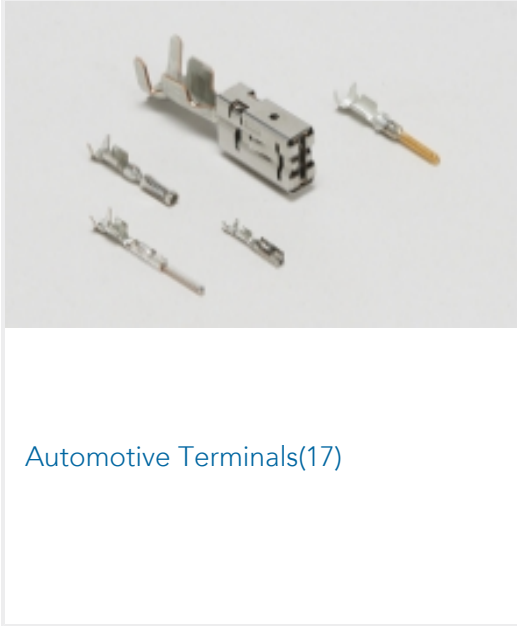
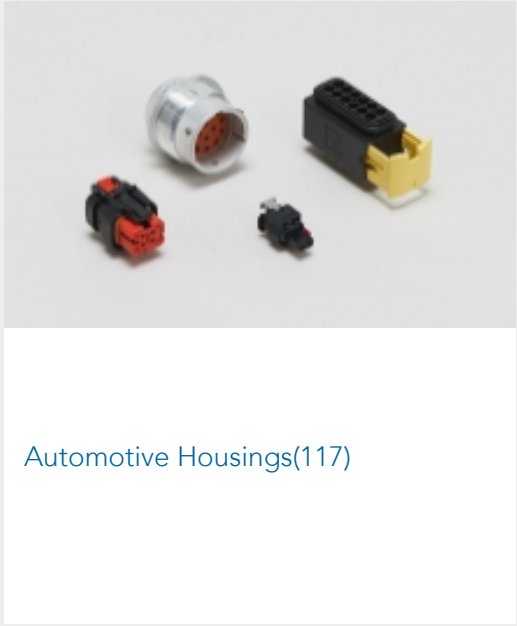
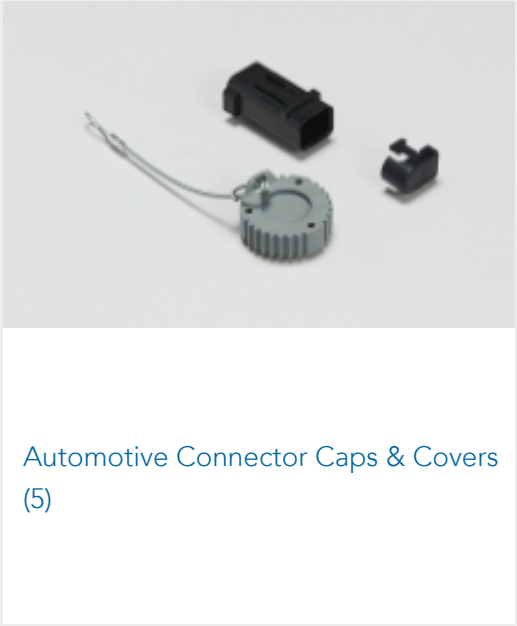
Compatible Parts



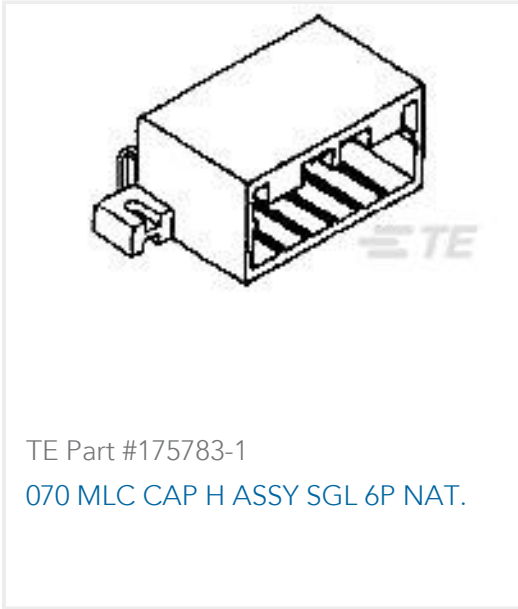


Also in the Series

0.64/025 Connector System



Customers Also Bought





Documents

Product Drawings

025 I/O CAP HSG ASSY 40P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1318384-2\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1318384-2\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1318384-2\_F.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese