



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **25**

Number of Rows: **3**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | Yes                   |
| 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

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 25       |
| Number of Rows        | 3        |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features



|                                      |                                |
|--------------------------------------|--------------------------------|
| Mating Tab Thickness                 | .6 mm, .8 mm[.024 in][.031 in] |
| Mating Tab Width                     | 1.5 mm, 3 mm[.059 in][.12 in]  |
| Contact Mating Area Plating Material | Tin (Sn)                       |
| Contact Type                         | Tab                            |

Termination Features

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

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| PCB Mount Retention     | Without     |
| PCB Mount Alignment     | With        |
| Connector Mounting Type | Board Mount |
| Mating Alignment        | With        |

Housing Features

|                    |                              |
|--------------------|------------------------------|
| Centerline (Pitch) | 4 mm, 5 mm[.157 in][.197 in] |
|--------------------|------------------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 120 °C[248 °F]             |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 160 |
| Packaging Method   | Box |

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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |



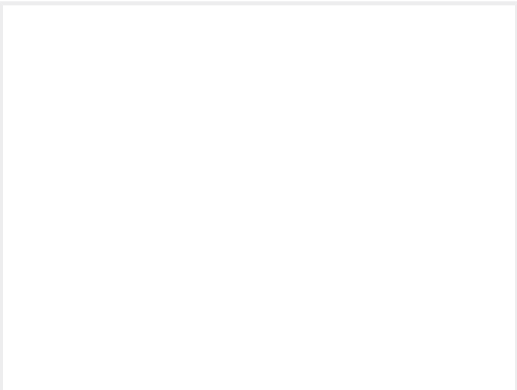
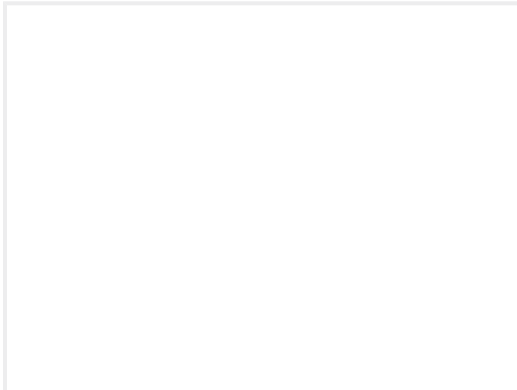
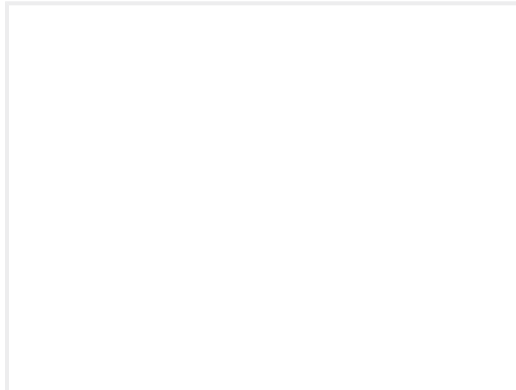
Solder Process Capability

Not applicable for solder process capability

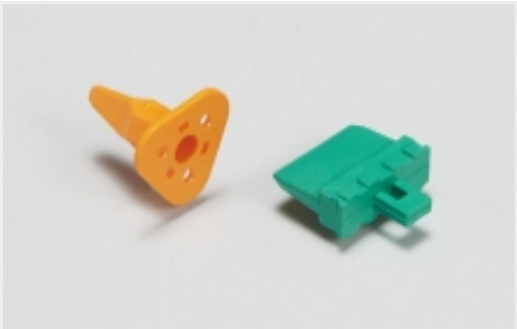
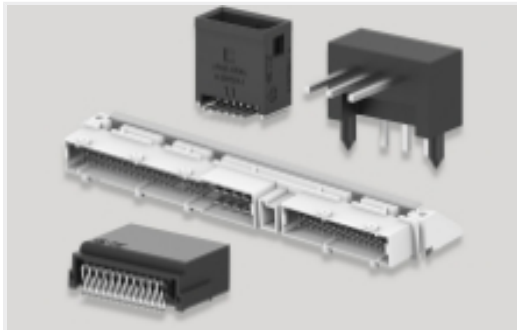
Product Compliance Disclaimer

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

|                                                                                                                                                                 |                                                                                                                                                           |                                                                                                                                         |                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-1670614-2<br/>36POS,MIXED,HEADER HSG,CONV.<br/>KIT 25POS</p> |  <p>TE Part # CAT-AM705-CH8173<br/>AMP Unsealed Connector Housing</p> |  <p>TE Part # 1-967668-6<br/>TAB 1.6 X 0.64 MM</p> |  <p>TE Part # 1-967667-4<br/>TAB 3.0X0.8</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

Also in the Series | AMP MCP Connector System

|                                                                                                                                                   |                                                                                                                                       |                                                                                                                                |                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Connector Locks &amp; Position Assurance(4)</p> |  <p>Automotive Headers(31)</p>                    |  <p>Automotive Housings(257)</p>          |  <p>Connector Seals &amp; Cavity Plugs(5)</p> |
|  <p>Insertion &amp; Extraction Tools(13)</p>                   |  <p>Other Automotive Connector Accessories(3)</p> |  <p>PCB Headers &amp; Receptacles(31)</p> |  <p>Rectangular Power Connectors(15)</p>      |



Wire-to-Board Headers & Receptacles (30)

Customers Also Bought



TE Part #2-1670615-2  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS



TE Part #CAT-SIGH262  
Signal Header



TE Part #3-292173-3  
CT BOX HDR H SMT 3P O/TAPE NAT



TE Part #1-1670615-1  
36POS,MIXED,HEADER ASSY,CONV. KIT 25POS



TE Part #DT15-08PA  
HDR, 8P, GRY, ST, NI/CU, A



TE Part #1-1418362-3  
62 POS MIXED HEADER CODA



TE Part #2286547-1  
HSD,HDR ASSY,180DEG,COD A

Documents

Product Drawings

36POS,MIXED,HEADER ASSY,CONV. KIT 25POS

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1670615-2\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1670615-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1670615-2\_A.3d\_stp.zip

English

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



[Product Specifications](#)

[Application Specification](#)

English