

1-1670615-1 ✓ ACTIVE

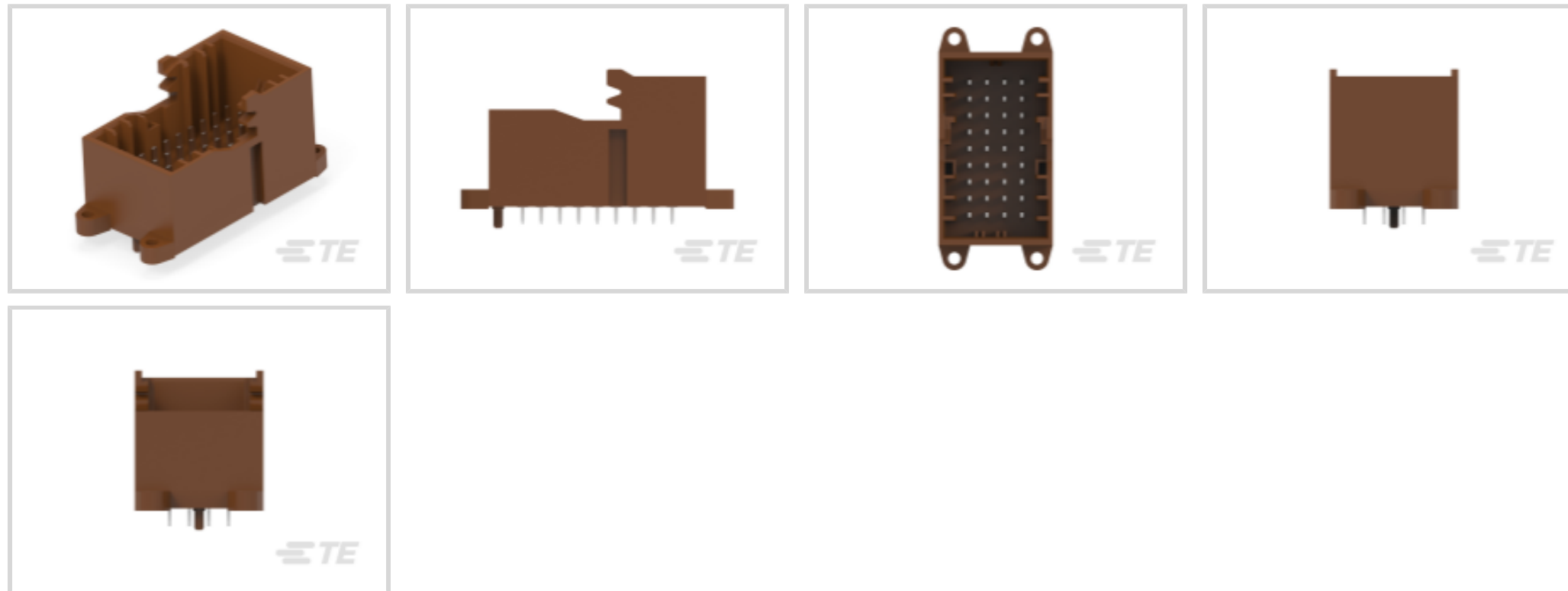


TE Internal #: 1-1670615-1

PCB Mount Header, Vertical, Wire-to-Board, 36 Position, 4 mm [.157 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Power & Signal

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **36**

Number of Rows: **4**

Centerline (Pitch): **4 mm [.157 in]**

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	36
Number of Rows	4
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	33 VAC
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### Body Features

Primary Product Color	Brown
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### Contact Features

Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.6 mm[.024 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	4 mm[.157 in]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Power & Signal
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### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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**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 # CAT-AM705-CH8173 AMP Unsealed Connector Housing</p>	 <p>TE Part # 1-1718485-1 CARRIER FOR RECEPT. INSERTS 36 POS</p>	 <p>TE Part # 1-1670614-1 36POS,MIXED,HEADER HSG,CONV: KIT 25POS</p>
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## Customers Also Bought

 <p>TE Part #967618-2 Signal Header</p>	 <p>TE Part #1-640445-8 18P MTA156 HDR ASSY FL/STR SN</p>	 <p>TE Part #1676163-3 RN 0805 11K5 0.1% 10PPM 5KRL</p>	 <p>TE Part #1676444-2 RN 0805 82K5 0.1% 10PPM 1KRL</p>
 <p>TE Part #4-2176345-5 CRGCQ 1210 47K 1%</p>	 <p>TE Part #DT15-08PA HDR, 8P, GRY, ST, NI/CU, A</p>	 <p>TE Part #1-1670615-2 36POS,MIXED,HEADER ASSY,CONV. KIT 25POS</p>	 <p>TE Part #2286547-1 HSD,HDR ASSY,180DEG,COD A</p>

## Documents



## Product Drawings

[36POS,MIXED,HEADER ASSY,CONV. KIT 25POS](#)

English

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## CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1670615-1\\_A.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1670615-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1670615-1\\_A.3d\\_stp.zip](#)

English

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## Product Specifications

[Application Specification](#)

English