



TE Internal #: 1-1670615-2

PCB Mount Header, Horizontal, Wire-to-Board, 25 Position, 6 mm / 4.2 mm [.165 in / .236 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **25**

Number of Rows: **3**

Centerline (Pitch): **4.2 mm, 6 mm [ .165 in, .236 in ]**

PCB Mount Orientation: **Horizontal**

Features

Product Type Features

Mixed & Hybrid Header	Yes
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	25
Number of Rows	3
PCB Mount Orientation	Horizontal

Body Features

Primary Product Color	Black
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Contact Features

Mating Tab Width	1.5 mm, 2.8 mm[.059 in][.11 in]
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Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 in]
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	40 A

Termination Features

Termination Method to Printed Circuit Board	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)	4.2 mm, 6 mm[.165 in][.236 in]
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Usage Conditions

Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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) Candidate List Declared Against: JAN 2024 (240) 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





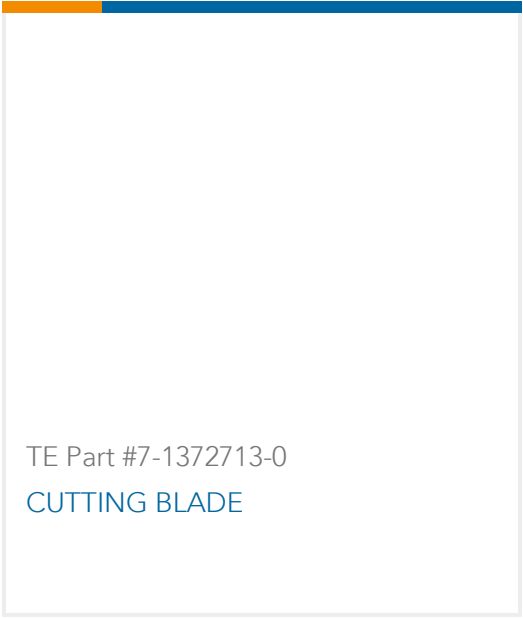

Product Compliance Disclaimer

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

 <p>TE Part #967618-2 Signal Header</p>	 <p>TE Part #1-1418362-3 62 POS MIXED HEADER CODA</p>	 <p>TE Part #1-1670615-1 36POS,MIXED,HEADER ASSY,CONV. KIT 25POS</p>	 <p>TE Part #2286547-1 HSD,HDR ASSY,180DEG,COD A</p>
 <p>TE Part #7-1372713-0 CUTTING BLADE</p>	 <p>TE Part #7-1372723-0 CUTTING PLATE</p>		

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

Product Specification

English