



TE Internal #: 1-1670615-2

PCB Mount Header, Vertical, Wire-to-Board, 25 Position, 4 mm / 5 mm [.157 in / .197 in] Centerline, Fully Shrouded, Tin (Sn), 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 mm, 5 mm [.157 in, .197 in]**

PCB Mount Orientation: **Vertical**

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	Vertical

Body Features

Primary Product Color	Black
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Contact Features

Mating Tab Width	1.5 mm, 3 mm[.059 in][.12 in]
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Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 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, 5 mm[.157 in][.197 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.
Solder Process Capability	Not applicable for solder process capability




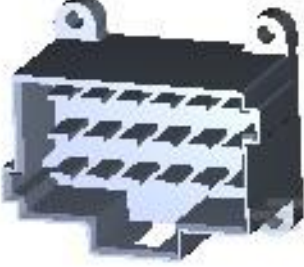
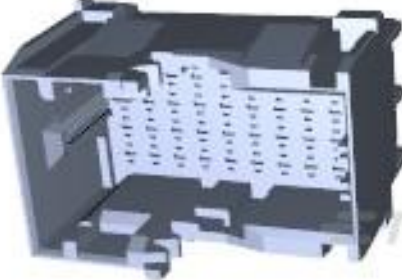


Product Compliance Disclaimer

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

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

 <div>TE Part #967618-2 Signal Header</div>	 <div>TE Part #DT15-08PA HDR, 8P, GRY, ST, NI/CU, A</div>	 <div>TE Part #967116-1 MESSERLEISTE 18P</div>	 <div>TE Part #1-1718492-4 1.5MM TAB HSG 36 POS ASSY</div>
 <div>TE Part #1-1670615-1 36POS,MIXED,HEADER ASSY,CONV. KIT 25POS</div>	 <div>TE Part #2286547-1 HSD,HDR ASSY,180DEG,COD A</div>	 <div>TE Part #2219678-1 MCP 9.5MM CAP 2P ASSY EXP</div>	

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

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Product Specifications

Application Specification

English