



Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 15A, gold or tin plated



PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **6**

Number of Rows: **2**

Centerline (Pitch): **3.81 mm [.15 in]**

[All Header Assembly: Wire-to-Board, 15A, gold or tin plated \(120\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|------------|
| Number of Positions | 6 |
| Number of Rows | 2 |
| PCB Mount Orientation | Horizontal |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

| | |
|--|--|
| | |
|--|--|



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

Contact Features

| | |
|--|----------------|
| Contact Layout | Matrix |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Contact Shape & Form | Rectangular |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Mating Area Plating Material | Gold |
| Contact Type | Tab |
| Contact Current Rating (Max) | 9.5 A |

Termination Features

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|--------------------------------|-----------------------|
| Termination Post & Tail Length | 3.8 mm[.149 in] |
| Termination Method to PCB | Through Hole - Solder |

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | Polyester GF |
| Centerline (Pitch) | 3.81 mm[.15 in] |

Dimensions

| | |
|--------------------|----------------|
| Row-to-Row Spacing | 5.08 mm[.2 in] |
|--------------------|----------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards



| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|-----------|
| Packaging Method | Box, 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: 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 | Wave solder capable to 265°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 | Dynamic 3000 Series






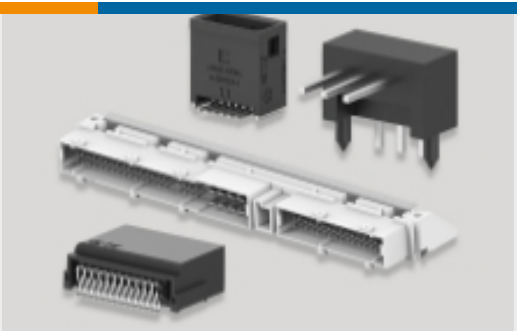
Connector Contacts(94)



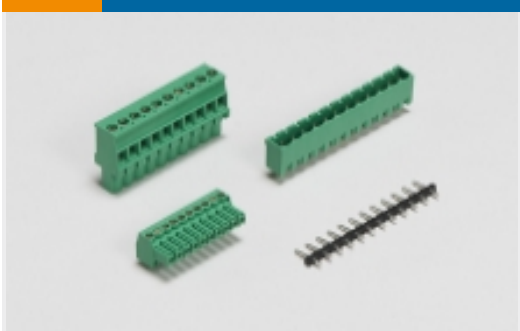
Connector Hardware(8)




Insertion & Extraction Tools(2)




PCB Headers & Receptacles(283)



PCB Terminal Blocks(37)




Standard Rectangular Connectors(2)




Wire-to-Board Connector Assemblies & Housings(152)


Customers Also Bought




TE Part #1-178317-3
Header Assembly: Wire-to-Board, 15A, gold or tin plated




TE Part #ZPF000000000110281
732-8255-22




TE Part #5050863-5
SOCKET,MIN-SPR SN-AU SER-2



TE Part #1-1241050-0
2x10P MOD II BREAK AWAY HDR, SMD, BLISTER



TE Part #8-1879208-0
CPF 0402 20K 0.1% 25PPM 1K RL



TE Part #2-1879338-9
CPF 0603 52K3 1% 50PPM 1K RL

Documents

- Product Drawings

6-P POST HDR HORZ D-3100D .76

Japanese
- CAD Files

3D PDF

English

Customer View Model

ENG_CVM_178303-3_C.2d_dxf.zip



English

Customer View Model

ENG_CVM_178303-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_178303-3_C.3d_stp.zip

English

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

Product Specifications

TAB CUTTING TOOL for DYNAMIC CONN.

Japanese

TAB CUTTING TOOL for DYNAMIC CONN.

Japanese

Product Specification

English

Agency Approvals

TUV Certificate

English