



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



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Vertical

Connector System: Wire-to-Board

Number of Positions: 12

Number of Rows: 2

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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| 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   | 12       |
| Number of Rows        | 2        |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Body Features



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

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Shape & Form                           | Rectangular     |
| Contact Underplating Material                  | Nickel          |
| Contact Layout                                 | Matrix          |
| Contact Base Material                          | Copper Alloy    |
| PCB Contact Termination Area Plating Material  | Tin             |
| Contact Mating Area Plating Material Thickness | .381 μm[15 μin] |
| Contact Mating Area Plating Material           | Gold (Au)       |
| Contact Type                                   | Tab             |
| Contact Current Rating (Max)                   | 15 A            |

Termination Features

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

Mechanical Attachment

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

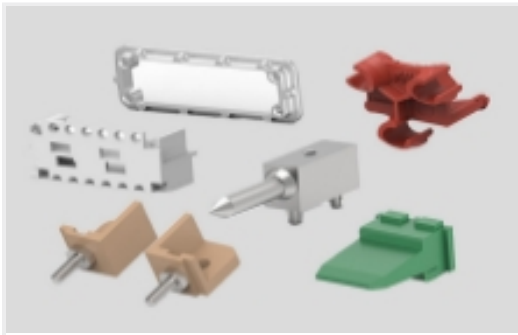


Also in the Series | Dynamic 3000 Series





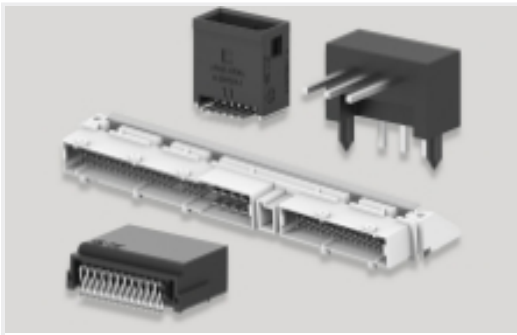
Connector Contacts(94)



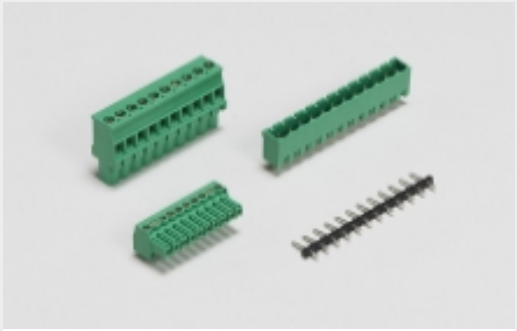
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



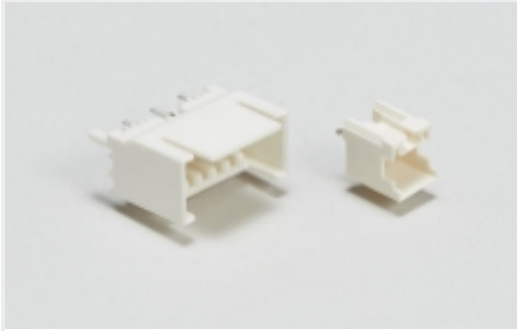
PCB Terminal Blocks(16)



Power Contacts(94)



Rectangular Power Connectors(411)



Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



TE Part #CAT-D9934-A75E  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #CAT-D9934-A75F  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #316516-2  
DYNAMIC 3500 HDR ASSY 12P V



TE Part #CAT-D9934-A66B  
Header Assembly: Wire-to-Board, 5A, gold plated

Documents

Product Drawings

DYNAMIC DBL ROW HDR ASSY 12P V

Japanese

CAD Files

Customer View Model

ENG\_CVM\_178326-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_178326-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_178326-2\_B.3d\_stp.zip

English

3D PDF

English

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Product Specifications

Product Specification

English

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Agency Approvals

TUV Certificate

English