



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



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

Number of Positions: **8**

Number of Rows: **2**

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

PCB Mount Orientation: **Horizontal**

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

Features

Product Type Features

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	8
Number of Rows	2
PCB Mount Orientation	Horizontal

Body Features

Primary Product Color	Black
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Contact Features

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Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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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

Connector Length	25.43 mm[1 in]
Connector Height	15.93 mm[.62 in]
Connector Width	25.91 mm[1.02 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	19
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Packaging Method	Box, Tube
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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: 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 #1376020-1 DYNAMIC D2100 HDR H ASSY 12P X	TE Part #1879462-1 RL73H 2B R10 1% 5K RL	TE Part #4-794636-0 10P MICRO MNL ASSY,VRT,SMT,LF	TE Part #3-2176326-3 CRGP 0603 4K7 1%
TE Part #179096-1 Low & Medium Power Header	TE Part #5-1747147-3 DZ5200 V-REC ASSY 3P 10.16MM PITCH	TE Part #42025-1 250 FASTON REC 18-14 AWG TPBZ	TE Part #2-1633860-4 CRIMPER, WIRE F

Documents

- Product Drawings

DYNAMIC D-3100D H-HDR ASSY 8P

Japanese
- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717412-2_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1717412-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1717412-2_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[TUV Certificate](#)

English