



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



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

Number of Positions: **10**

Number of Rows: **1**

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	10
Number of Rows	1
PCB Mount Orientation	Horizontal

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
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Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to Printed Circuit Board	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]

Usage Conditions

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

TE Part # 1-178288-8
DYNAMIC 3100 REC HSG 10P

Also in the Series | Dynamic 3000 Series

Connector Contacts(3)

Insertion & Extraction Tools(1)

PCB Connector Keying(1)

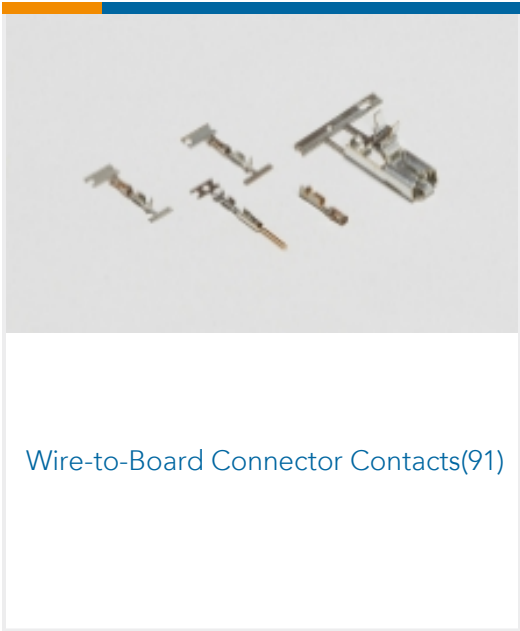
PCB Connector Mounting(8)

PCB Headers & Receptacles(283)

PCB Terminal Blocks(25)

Standard Rectangular Connectors(2)

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



Documents

Product Drawings
DYNAMIC HDR ASSY H 10P
Japanese

CAD Files
Customer View Model
ENG_CVM_1-178298-2_B.3d_igs.zip
English
Customer View Model
ENG_CVM_1-178298-2_B.3d_stp.zip
English
Customer View Model
ENG_CVM_1-178298-2_B.2d_dxf.zip
English
3D PDF
English

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

Datasheets & Catalog Pages
1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH
Japanese
1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH
English

Product Specifications
Product Specification
English

Product Environmental Compliance
MD_1-178298-2_102620171145_dmtec
English
MD_1-178298-2_102620171145_dmtec
English

Agency Approvals
TUV Certificate

1-178298-2

PCB Mount Header, Horizontal, Wire-to-Board, 10 Position, 3.81 mm [.15 in]
Centerline, Fully Shrouded, Gold, Dynamic 3000 Series



English