178323-5 ✓ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 178323-5

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 3.81 mm [.

15 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder,

Dynamic 3000 Series

View on TE.com >

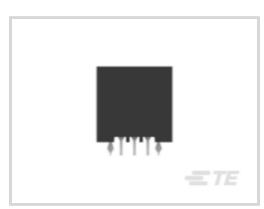


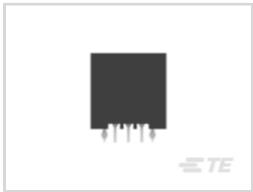
Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 15A, gold or tin plated











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	Vertical
Electrical Characteristics	
Operating Voltage	250 VAC



Contact Leyout Mating Area Plating Material Thickness 2 µm(80 µm) Contact Shape & Form Rectangular Contact Mating Area Plating Material Finish Matte Contact Mating Area Plating Material PCB Contact Termination Area Plating Material Contact Base Material Contact Mating Area Plating Material Tin Contact Type Tab Contact Current Rating (Max) P.5 A Termination Features Termination Post & Tail Length Termination Method to PCB Through Hole Solder Mechanical Attachment Mating Alignment Type Polarization Mating Retention With PCB Mount Retention Type Recention Leg Connector Mounting Type Beard Mount Mating Alignment With PCB Mount Alignment With PCB Mount Retention With Housing Features Housing Material Polyester GF Centerline (Pitch) 3.81 mm.1.15 in Dimensions Row to Row Spacing Usage Conditions	Primary Product Color	Black
Contact Layout Matrix Contact Mating Area Plating Material Thickness 2 µm [80 µm] Contact Shape & Form Rectangular Contact Mating Area Plating Material Finish Matte Contact Underplating Material Nickel PCB Contact Termination Area Plating Material PCB Contact Base Material Copper Alloy Contact Base Material Copper Alloy Contact Mating Area Plating Material Tin Contact Type Tab Contact Current Rating (Max) 9.5 A Termination Features Termination Post & Tail Length 3.8 mm [.149 in] Lemination Mathod to PCB Ihrough Hole - Solder Machanical Attachment Mating Alignment Type Polarization Mating Alignment Type Retention With PCB Mount Retention Type Retention Leg Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment PCB Mount Alignment PCB Mount Retention With PCB Mount Retention Mating Alignment With 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		
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Mating Alignment PCB Mount Alignment Without PCB Mount Retention With Housing Features Housing Material Polyester GF Centerline (Pitch) Dimensions Row-to-Row Spacing 5.08 mm[.2 in] Usage Conditions	PCB Mount Retention Type	Retention Leg
PCB Mount Alignment 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	Connector Mounting Type	Board Mount
PCB Mount Retention 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	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	PCB Mount Alignment	Without
Housing Material Centerline (Pitch) 3.81 mm[.15 in] Dimensions Row-to-Row Spacing 5.08 mm[.2 in] Usage Conditions	PCB Mount Retention	With
Centerline (Pitch) 3.81 mm[.15 in] Dimensions Row-to-Row Spacing 5.08 mm[.2 in] Usage Conditions	Housing Features	
Dimensions Row-to-Row Spacing 5.08 mm[.2 in] Usage Conditions	Housing Material	Polyester GF
Row-to-Row Spacing 5.08 mm[.2 in] Usage Conditions	Centerline (Pitch)	3.81 mm[.15 in]
Usage Conditions	Dimensions	
	Row-to-Row Spacing	5.08 mm[.2 in]
Operating Temperature Range _55 _ 105 °C[-67 _ 221 °F]	Usage Conditions	
Operating reinperature Kange	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	Operation/Application	
Circuit Application Power & Signal	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 #178323-2 Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #1-640445-8 18P MTA156 HDR ASSY FL/STR SN



TE Part #7-1393252-8 W67-X2Q50-30=M6/M7/M9/W6/W7



TE Part #E21108-000 HX-SCE-1K-3.2-50-9

Documents

Product Drawings

DYNAMIC D3100D HDR V 6P ASSY SN

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_178323-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_178323-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_178323-5_D.3d_stp.zip

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 3.81 mm [.15 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Dynamic 3000 Series



English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English