1-178293-3 ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178293-3

PCB Mount Header, Horizontal, Wire-to-Board, 3 Position, 3.81 mm [.15 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder,

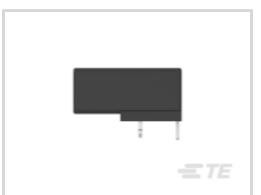
Dynamic 3000 Series

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

PCB Mount Orientation: Horizontal Connector System: Wire-to-Board

Number of Positions: 3

Number of Rows: 1

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

Features

Dimensions

| Connector Width | 22.1 mm[.87 in] |
|------------------|------------------|
| Connector Height | 9.35 mm[.36 in] |
| Connector Length | 21.62 mm[.85 in] |

Packaging Features

| Packaging Quantity | 23 |
|--------------------|-----------|
| Packaging Method | Tube, Box |

Usage Conditions

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

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 |
| Contact Features | |
| Contact Underplating Material | Nickel |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin] |
| Contact Mating Area Plating Material | Gold |
| Contact Type | Pin |
| Contact Current Rating (Max) | 12 A |
| Housing Features | |
| Housing Material | Polyester GF |
| Centerline (Pitch) | 3.81 mm[.15 in] |
| | |
| Product Type Features | |
| PCB Connector Assembly Type | PCB Mount Header |
| | PCB Mount Header Wire-to-Board |
| PCB Connector Assembly Type | |
| PCB Connector Assembly Type Connector System | Wire-to-Board |
| PCB Connector Assembly Type Connector System Header Type | Wire-to-Board Fully Shrouded |
| PCB Connector Assembly Type Connector System Header Type Sealable | Wire-to-Board Fully Shrouded No |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To | Wire-to-Board Fully Shrouded No |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features | Wire-to-Board Fully Shrouded No Printed Circuit Board |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation Number of Positions | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal 3 |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation Number of Positions Number of Rows | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal 3 |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation Number of Positions Number of Rows Body Features | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal 3 1 |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation Number of Positions Number of Rows Body Features Primary Product Color | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal 3 1 |
| PCB Connector Assembly Type Connector System Header Type Sealable Connector & Contact Terminates To Configuration Features PCB Mount Orientation Number of Positions Number of Rows Body Features Primary Product Color Termination Features | Wire-to-Board Fully Shrouded No Printed Circuit Board Horizontal 3 1 Black |



Industry Standards

| UL Flammability Rating | UL 94V-0 |
|------------------------|-----------|
| Other | |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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)



PCB Terminal Blocks(37)



Power Contacts(94)



Standard Rectangular Connectors(2)



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



Wire-to-Board Headers & Receptacles (282)

Customers Also Bought



TE Part #1-353080-2 DYNAMIC D-5200 HDR V ASSY 2P



TE Part #178323-3 DYNAMIC D3100D HDR V 6P ASSY AU076



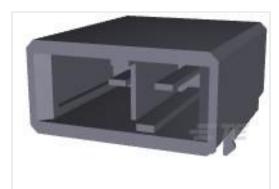
TE Part #1-175218-2 DYNAMIC D-3 REC CONT. L AU 0.38 L /P



TE Part #2-1445051-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-1445050-8
MICRO MNL HDR ASSY S/ROW LF



TE Part #1-179276-3

DYNAMIC 3200 HDR ASSY 2P H



TE Part #3-2229794-1
D3950 REC 3POS 1ROW X KEY
MARKED



TE Part #2119582-2 Crimper, Insulation F Premium





TE Part #594168-E STVSKO H M 181 ABGE * * LP-4 1,00 * MD *

Documents

Product Drawings

DYNAMIC D3100 HDR H 3P ASSY

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-178293-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-178293-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-178293-3_C.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English