

2-178136-5 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 2-178136-5

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 5.08 mm [.2 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Dynamic 3000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 3200 HDR ASSY



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

Number of Positions: **3**

Number of Rows: **1**

Centerline (Pitch): **5.08 mm [.2 in]**

PCB Mount Orientation: **Vertical**

[All DYNAMIC 3200 HDR ASSY \(134\)](#)

Features

Product Type Features

Connector Shape	Rectangular
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	3
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Shape & Form	Rectangular
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
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)	5.08 mm[.2 in]

Dimensions

Connector Length	24.16 mm[9.51 in]
Connector Height	9.35 mm[3.68 in]
Connector Width	21.6 mm[8.5 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	20
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: JAN 2024 (240) 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



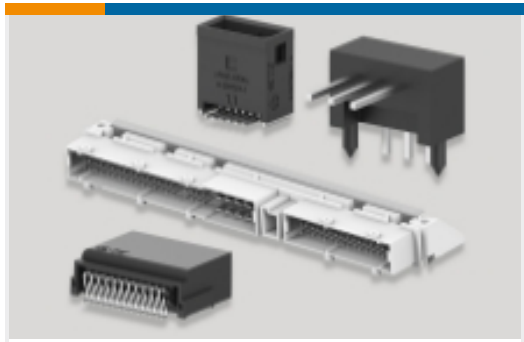
Connector Contacts(94)



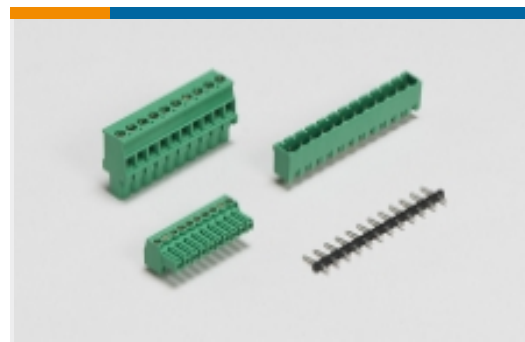
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(283)



PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)



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

Customers Also Bought



TE Part #1318124-2
DYNAMIC 2000 HDR ASSY



TE Part #1-1318118-6
DYNAMIC D-2100 REC HSG 12P



TE Part #2-178288-3
DYNAMIC D3100 REC HSG 3P (SGL) Y



TE Part #170359-1
UNIV M-N-L PIN 26-22 AWG



TE Part #2-178314-2
DYNAMIC D3100 HDR ASSY 4P V K/Y



TE Part #2-178128-2
DYNAMIC 3200 REC HSG 2P SGL Y



TE Part #DT04-6P
REC, 6P, GRY, N



TE Part #1060-12-0166
PIN, SF, SIZE 12, 12-14, NI/SN

Documents

Product Drawings

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-178136-5_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-178136-5_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-178136-5_J.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English