



Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 5000 HDR ASSY



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **8**

Number of Rows: **2**

[All DYNAMIC 5000 HDR ASSY \(59\)](#)

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	45 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Retention Leg
Mating Alignment Type	Keyed
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	10.16 mm [.4 in]

Dimensions

PCB Thickness (Recommended)	1.6 – 2.4 mm [.063 – .094 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 5000 Series](#)



Connector Contacts(43)



Connector Hardware(3)



Power Contacts(43)



Rectangular Connector Housings(45)



Rectangular Power Connectors(80)



Standard Rectangular Connectors(45)



Wire-to-Board Connector Assemblies & Housings(26)

Customers Also Bought



TE Part #T4171120008-002
M12,REAR MOUNT,FEMALE, A, 8P, 0.5 M WIRE



TE Part #1-175196-2
DYNAMIC D-3 REC CONT/L AU 0.38



TE Part #1871303-1
DYNAMIC D1000 REC CONT M PRE TIN REEL



TE Part #T2030001040-000
CEM-4.0



TE Part #4-2271928-0
CELLO,PIN,48P,TH,RA,FG,DIP3.0,-



TE Part #1-1827864-3
DYNAMIC 1200D REC HSG 6P X BLACK



TE Part #CAT-D9934-A15A
DYNAMIC 1100 REC AND TAB HSG



TE Part #178803-8
DYNAMIC D3100D TAB HSG PM 20P



TE Part #T0931006524-001
CODING-PIN-M3-TF-SELF-TAPPING

Documents



Product Drawings

DYNAMIC D-5200 HDR H ASSY 8P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1123829-1_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_1123829-1_D1.3d_stp.zip

English

Customer View Model

ENG_CVM_1123829-1_D1.2d_dxf.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English