



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



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

Number of Rows: **1**

[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	Vertical
Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

Contact Shape & Form	Rectangular
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 (Au)
Contact Type	Pin
Contact Current Rating (Max)	30 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, Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Glass-Filled Thermoplastic Polyester
Centerline (Pitch)	10.16 mm [.399 in]

Dimensions

Connector Width	32 mm[1.25 in]
Connector Height	12.4 mm [.48 in]
Connector Length	39.52 mm[1.55 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	12
Packaging Method	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: 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>

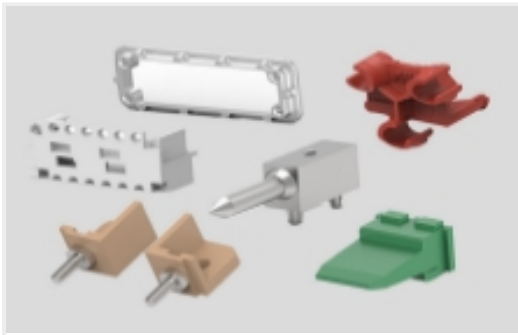
Compatible Parts



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)

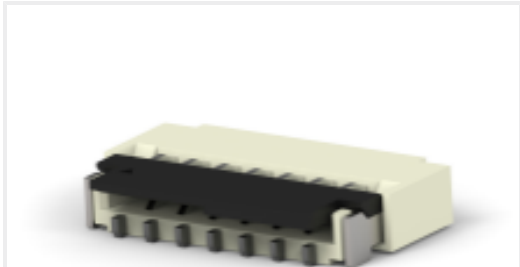
Customers Also Bought



TE Part #1-179958-3
DYNAMIC D-5200S REC HSG 3P K/X



TE Part #2-353082-3
DYNAMIC D-5200 HDR V ASSY 3P



TE Part #1-2328724-3
13PIN 0.3MMP FPC CONNECTOR, FRONT FLIP



TE Part #5-1747145-3
DZ5200 H-HDR ASSY 3P 10.16MM PITCH



TE Part #350547-3
UMNL PIN 20-14 PTPPHBZ L/P



TE Part #282832-2
TERMI-BLOK PIN HEAD 180 2P. 5



TE Part #3-350942-0
02P UMNL HDR ASSY R/A 94VO LF



TE Part #640452-8
08P MTA100 HDR ASSY SQ STR



TE Part #316041-3
DYNAMIC D-5 REC CONT. M L/P



TE Part #172246-2
DLI CONN. 8 POS. RECEPT.

Documents



Product Drawings

DYNAMIC D-5200 HDR V ASSY 3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-353082-3_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-353082-3_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-353082-3_F.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

TUV Certificate

English