



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

Body Features

Connector & Keying Code	XY
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Primary Product Color

Black

Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 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
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]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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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.
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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

TE Part # 2-179958-4
DYNAMIC D-5200S REC HSG 4P K/Y

Also in the Series | Dynamic 5000 Series

Connector Contacts(43)

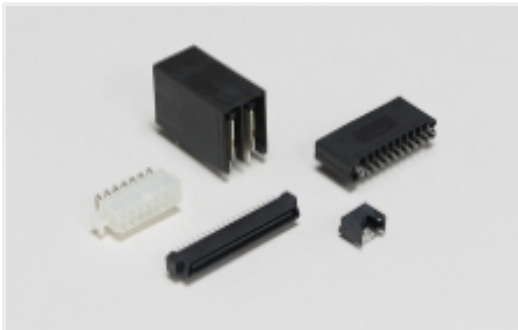
Connector Hardware(3)

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 #3-1827233-6
.5FHP05H,440,B,GIG,08/Sn,HT,NS



TE Part #CAT-D9934-A75F
DYNAMIC 3200 HDR ASSY



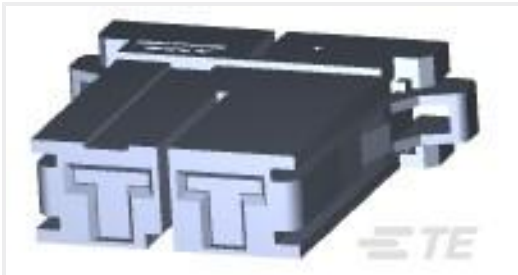
TE Part #1-353079-2
DYNAMIC D-5200 HDR H ASSY 2P



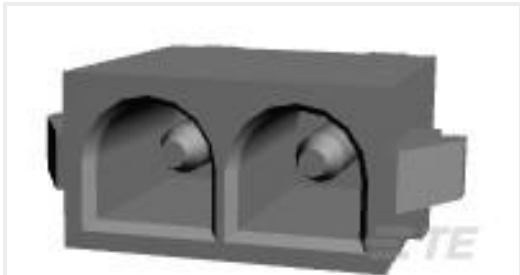
TE Part #1376009-1
DYNAMIC D2100 HDR H ASSY 8P X



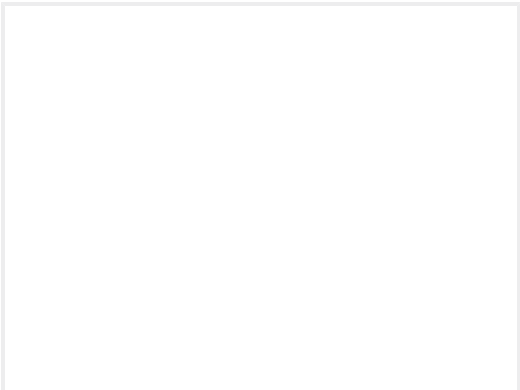
TE Part #4-2170747-4
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part #1-179958-2
DYNAMIC D-5200S REC HSG 2P K/X



TE Part #350786-1
02P UMNL HDR ASSY 94VO



TE Part #2069161-1
RIGHT ANGLE HDR ASSEMBLY PF30

Documents

Product Drawings

DYNAMIC D-5200 H HDR ASSY 8P XY KEY

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-1123829-1_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_3-1123829-1_D1.3d_stp.zip

English

Customer View Model

ENG_CVM_3-1123829-1_D1.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Product Specification

English