



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: **2**
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	Horizontal
Number of Positions	2
Number of Rows	1

Body Features

Primary Product Color	Black
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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: 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

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

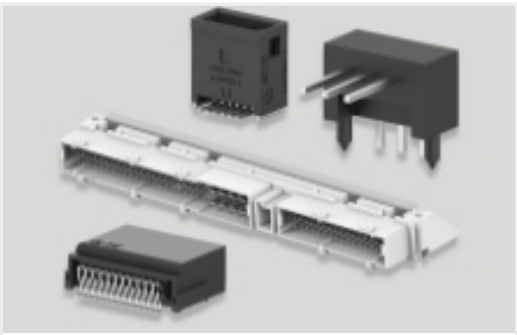
Also in the Series | Dynamic 5000 Series

Connector Caps & Covers(2)

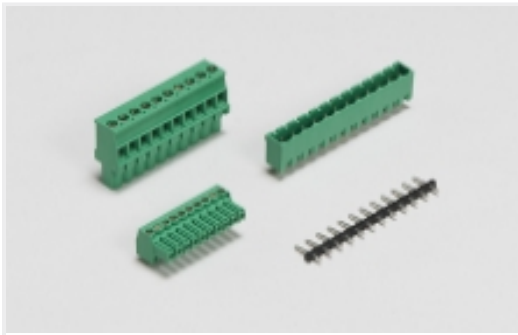
Connector Contacts(43)

Connector Hardware(3)

Insertion & Extraction Tools(1)



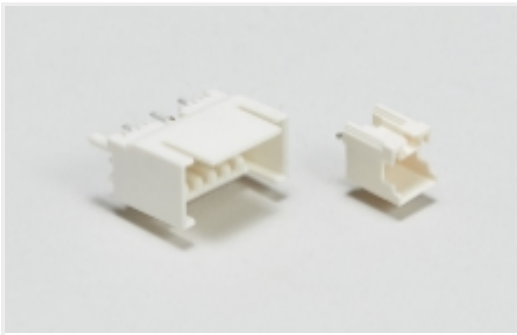
PCB Headers & Receptacles(62)



PCB Terminal Blocks(3)



Rectangular Power Connectors(80)



Wire-to-Board Headers & Receptacles (62)

Customers Also Bought



TE Part #1-2176230-0
3522 4R7 5% 3W



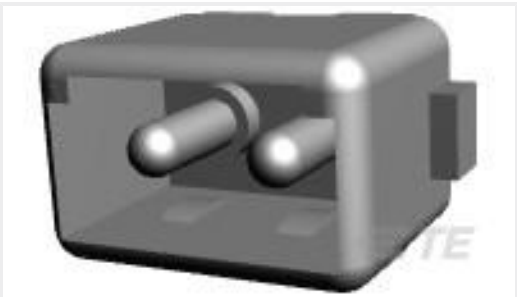
TE Part #1-2834497-2
MINI DYNAMIC REC HSG ASSY 12P Y-KEY BLK



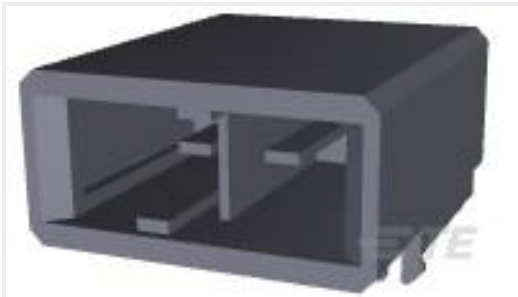
TE Part #1-179958-4
DYNAMIC D-5200S REC HSG 4P K/X



TE Part #1-2176341-7
CRGCQ 0805 220R 1%



TE Part #350209-1
02P CMNL HDR ASSY PC NATL



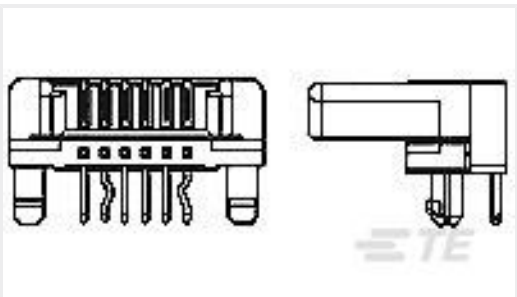
TE Part #2-179276-3
DYNAMIC 3200 HDR ASSY 2P H



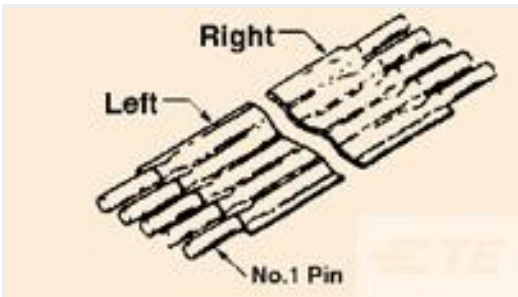
TE Part #1-1437565-6
FSM1LP=ESD GND SMD TACT SWITCH



TE Part #640466-1
05P UMNL PIN HDR ASSY V2 NATL



TE Part #3-917360-0
1.25 AF REC ASSY 30P B/TRAY



TE Part #2-1437144-7
FSN-23A-11=NOMEX FS STD

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-353079-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_2-353079-2_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_2-353079-2_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[TUV Certificate](#)

English