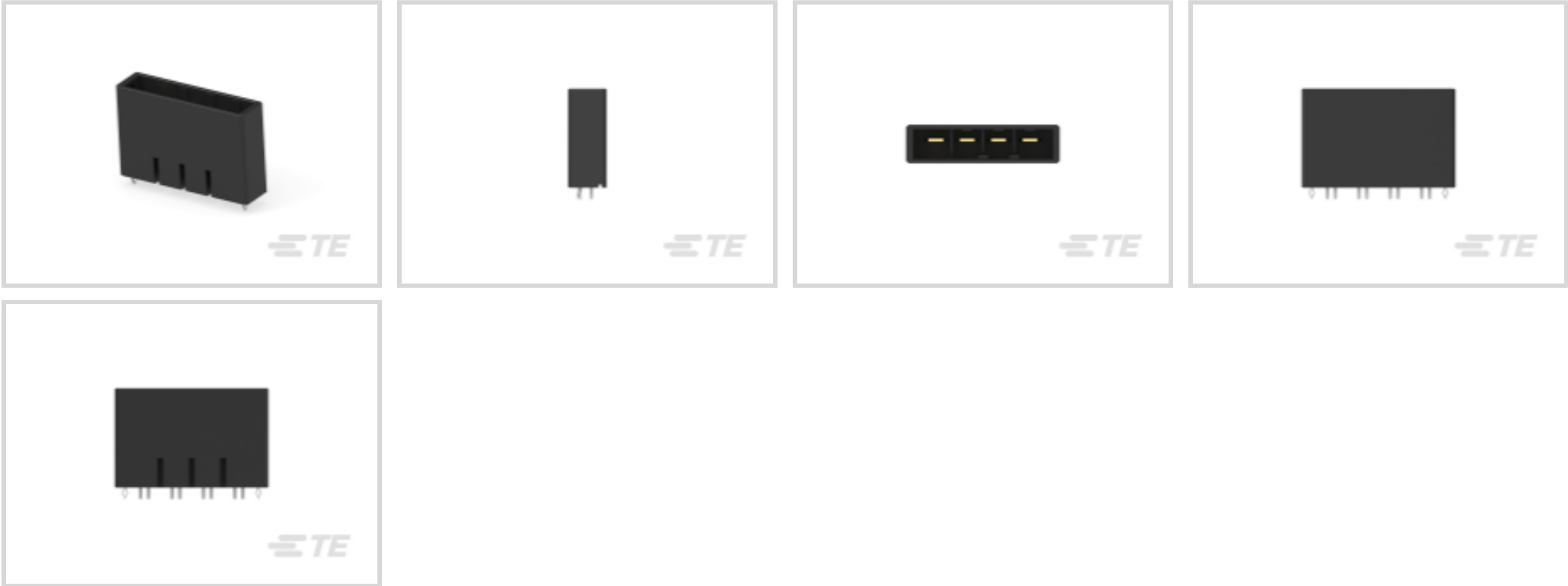




Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 20-45A, 250-630V



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **1**

[All Header Assembly: Wire-to-Board, 20-45A, 250-630V \(59\)](#)

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 | 4 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features



| | |
|--|-----------------|
| Contact Mating Area Plating Material Thickness | .381 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 |
|---------------------------|-----------------------|

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] |
|-----------------------------|----------------------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|-----------|
| 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: 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>


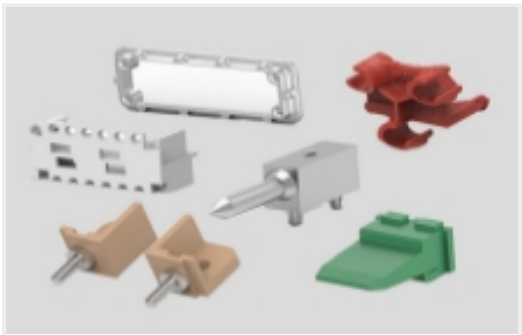


Compatible Parts



TE Part # 1-179958-4

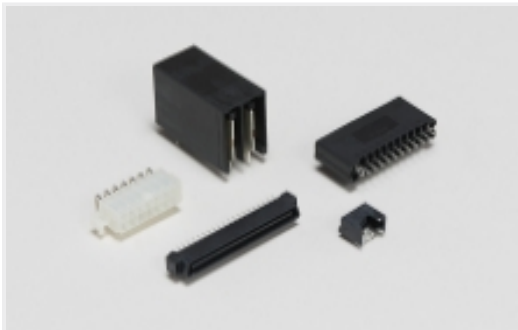
DYNAMIC D-5200S REC HSG 4P K/X

Also in the Series | Dynamic 5000 Series

| | | | |
|---|--|---|---|
|  |  |  |  |
| Connector Contacts(43) | Connector Hardware(3) | Power Contacts(43) | Rectangular Connector Housings(56) |



Rectangular Power Connectors(91)



Standard Rectangular Connectors(56)

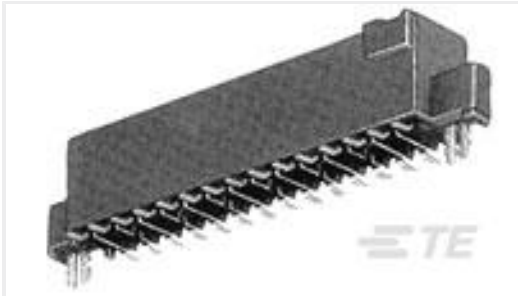


Wire-to-Board Connector Assemblies & Housings(18)

Customers Also Bought



TE Part #171826-5
POST HDR ASSY HDR AMP EI CONN



TE Part #5-104652-8
80 50/50 GRID DRST SFMNT RCPT



TE Part #1-1625885-1
1W SM M/OX 5% 100K



TE Part #171825-9
9P EIS POST HDR VERTICAL



TE Part #171825-7
V-TYPE E.I.S.CONN. 7P ASSY



TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #1473567-3
RITS CONN.HDR ASSY 4ROW 3P



TE Part #1825232-1
SLIDE SWITCH,SPDT,Right Angle

Documents

Product Drawings

DYNAMIC D-5200S V-HDR ASSY 4P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_8-917542-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_8-917542-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_8-917542-2_F.3d_stp.zip

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[TUV Certificate](#)

English