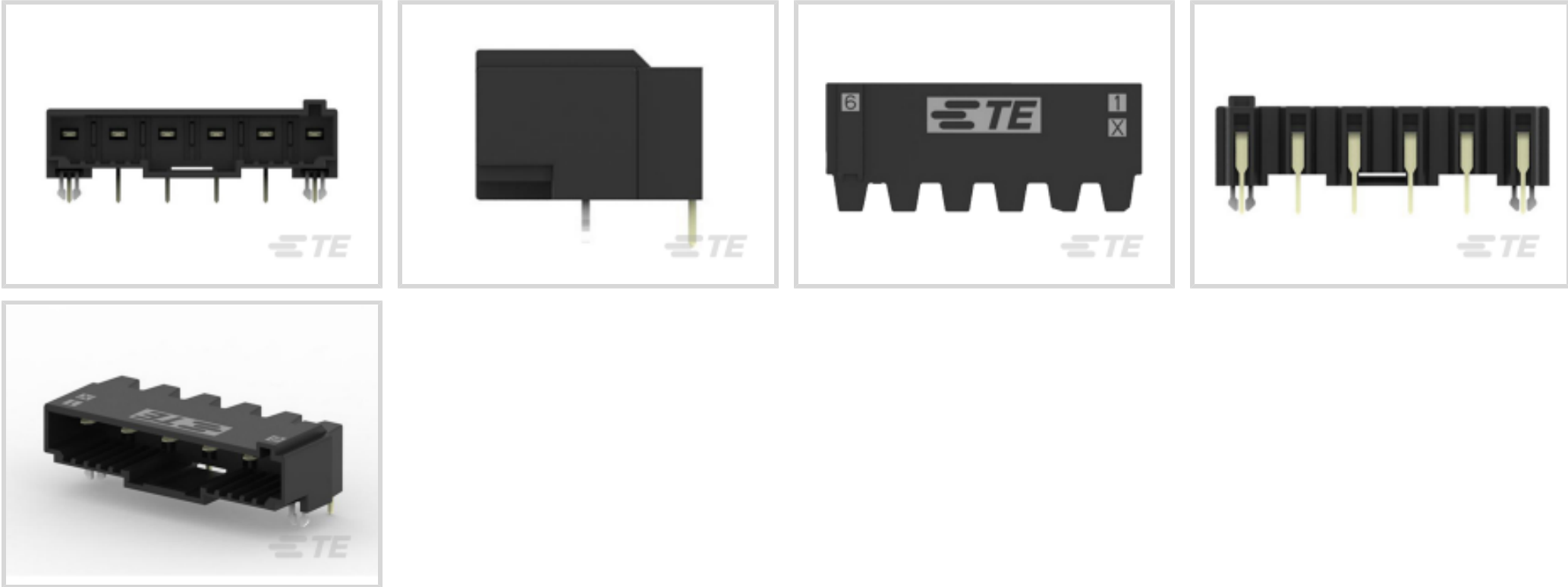




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Right Angle

Connector System: Wire-to-Board

Number of Positions: 6

Number of Rows: 1

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	Right Angle
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Voltage Rating (Max)	600 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	11.8 A

Termination Features

Termination Post & Tail Diameter	3.8 mm[.14 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	7.5 mm[.29 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	50
Packaging Method	Tray

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	Not reviewed for solder process capability

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 # 2271454-6
D3950 REC 6POS 1ROW X KEY



TE Part # 1-2271454-6
D3950 REC 6POS 1ROW X KEY MARKED

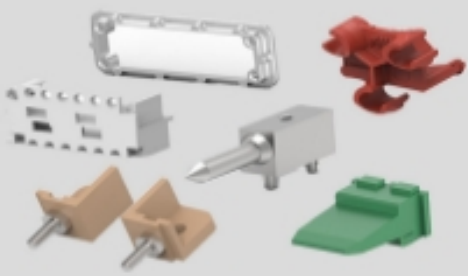


TE Part # 4-2271454-6
D3950 REC 6POS 1ROW X KEY WITH MARKING

Also in the Series | Dynamic 3000 Series



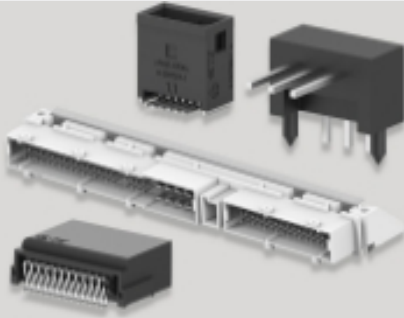
Connector Contacts(94)



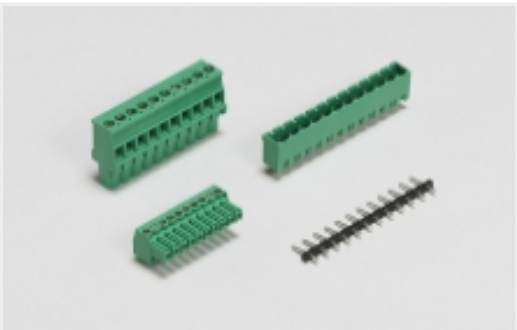
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



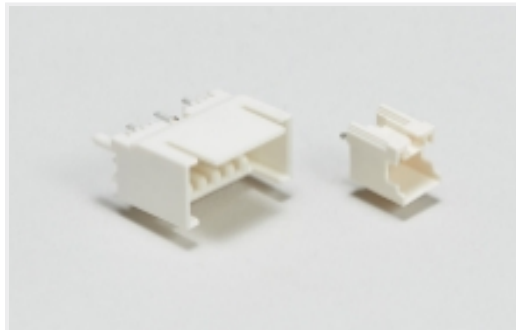
PCB Terminal Blocks(16)



Power Contacts(94)



Rectangular Power Connectors(411)



Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



TE Part #745085-2
25 APFL RCPT RA 478



TE Part #63196-2
PL 187 RECEPTACLE 24-20 AWG
PTPBR



TE Part #747841-6
15 MSFL PLUG RA 318 (SL,FM,BL)



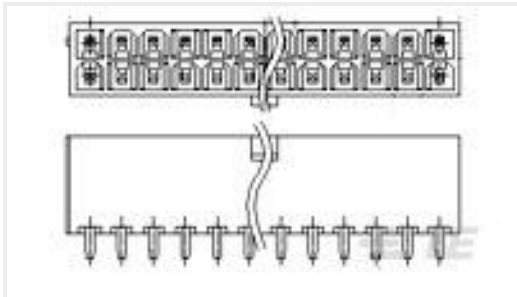
TE Part #2-2303376-1
D3200 FMLB REC STRAIN RELIEF KIT
4P SS



TE Part #5748676-1
DIE CAST CBL CLMP KIT,SZ 1



TE Part #5786554-9
100 50SR VRT RCPT,L,R,ACT PIN



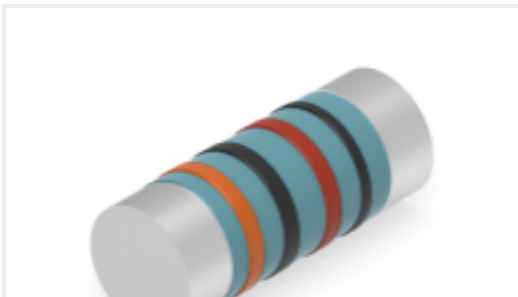
TE Part #4-1775099-8
ATX PWR CONN 24 POS



TE Part #3-641435-9
09P MTA156 CONN ASSY ORNG



TE Part #647402-5
05P SL156 HSG W/RMP&TABS,OVSZ



TE Part #1879283-4
MELF SMA 82K 5% 100PPM 0.5W 0207

Documents

Product Drawings

D3950 HDR 6POS 1ROW X KEY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2271457-6_B.2d_dxf.zip



English

Customer View Model
[ENG_CVM_CVM_1-2271457-6_B.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1-2271457-6_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages
[DYNAMIC SPRING CLAMP SERIES](#)

English

[DYNAMIC SPRING CLAMP SERIES](#)

Japanese

[Introducing TE's D3950 Series Connector](#)

English

Product Specifications
[Product Specification](#)

English

Instruction Sheets
[Instruction Sheet \(non U.S.\)](#)

English

Agency Approvals
[UL Report](#)

English