



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**

Centerline (Pitch): **7.5 mm [.29 in]**

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

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	Matrix
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)	14.5 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

Housing Material	Thermoplastic Polyester
Centerline (Pitch)	7.5 mm[.29 in]

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	49
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: 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 260°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 # 2229800-1
D3950 REC 6POS 2ROW MARKED

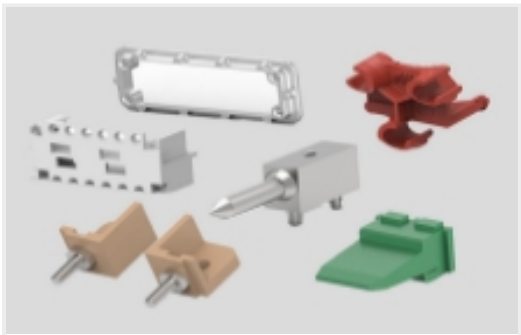


TE Part # 2393479-1
DYNAMIC D3950 6PI RECEPTACLE ASSEMBLY

Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



Connector Hardware(8)



Power Contacts(94)



Rectangular Connector Housings(108)



Rectangular Power Connectors(386)



Standard Rectangular Connectors(110)



Wire-to-Board Connector Assemblies & Housings(47)



Customers Also Bought



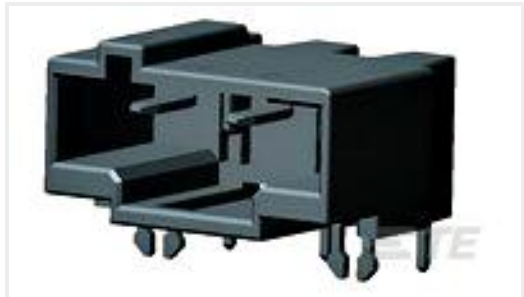
TE Part #103648-9
10 MTE RCPT HSG SR RIB .100CL



TE Part #350669-1
UMNL GRND PIN 20-14 PTPBR L/P



TE Part #1-2229794-1
D3950 REC 11POS 1ROW X KEY MARKED



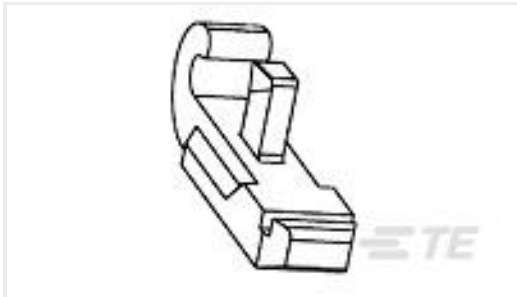
TE Part #3-2229803-1
D3950 HDR 3POS 1ROW X KEY



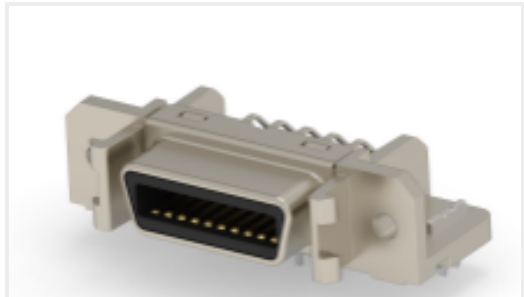
TE Part #1-179277-5
DYNAMIC 3200 HDR ASSY 4P H



TE Part #1-1423008-8
T92S7D14-24



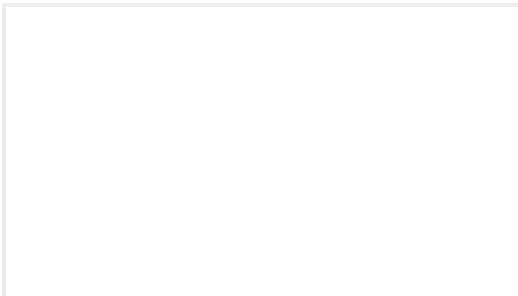
TE Part #1981045-1
DYNAMIC D3900 SPRING OPENER



TE Part #2-2271101-1
SCSI .050 REC ASS'Y 20P PB-FRE



TE Part #1-2229803-1
D3950 HDR 11POS 1ROW X KEY



TE Part #1-2370493-0
HDR Assy 10P, 0.8 Encoder Connector

Documents

Product Drawings
D3950 HDR 6POS 2ROW

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2229806-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2229806-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2229806-1_C.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

Agency Approvals

UL Report

- English