1-2271457-6 ✔ ACTIVE

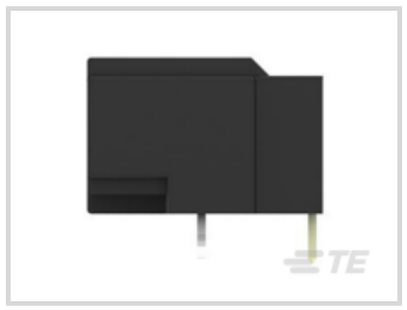
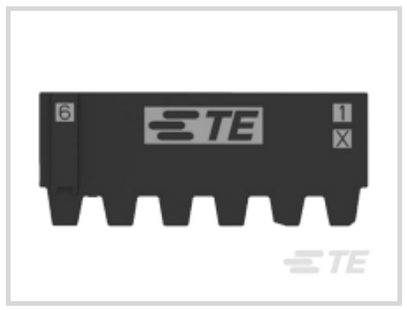
Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-2271457-6

Dynamic 3000 Series, PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, 7.5mm [.295in] Centerline, 1 Row, 300VAC Voltage Rating

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks > DYNAMIC 3950 ASSY




Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

Centerline (Pitch): **7.5 mm [.295 in]**

Number of Rows: **1**

All DYNAMIC 3950 ASSY (12)

Features

Product Type Features

Block Type	PCB Mount
Header Type	Shrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Voltage Rating	300 VAC

Body Features

Interlock	With

Color	Black

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.38 µm
Contact Mount	Through Hole
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	14.5 A

Mechanical Attachment

Mounting Angle	Right Angle
Screwless Terminal Block	Yes
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Centerline (Pitch)	7.5 mm[.295 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

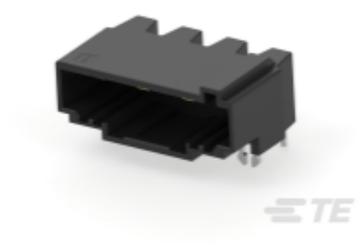
Solder Process Capability

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

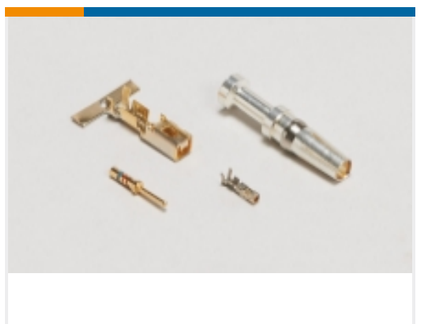


TE Part # CAT-D9934-A75I
DYNAMIC 3950 ASSY



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

Also in the Series | Dynamic 3000 Series



Connector Contacts(3)



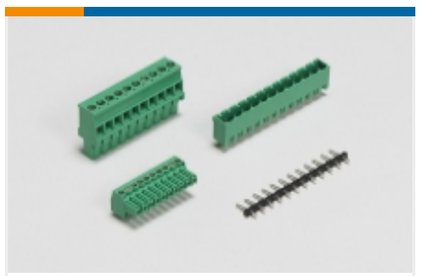
Insertion & Extraction Tools(1)



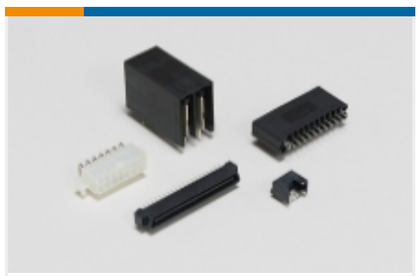
PCB Connector Keying(1)



PCB Connector Mounting(8)



PCB Terminal Blocks(25)



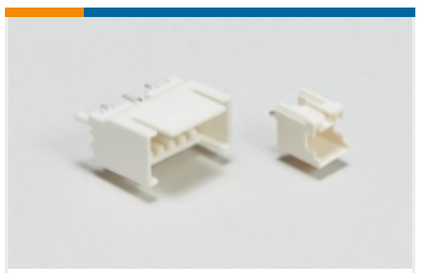
Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(152)



Wire-to-Board Connector Contacts(91)



Wire-to-Board Headers & Receptacles (284)

Customers Also Bought



TE Part #T2114000101-000
HMN-USB-M



TE Part #4-1618241-4
K81BB47=RELAY, VACUUM, SPST-NC



TE Part #3-2289080-1
DYNAMIC 3950 ASSY



TE Part #5650992-5
ASSY,RECPT,ENH.TYPE C, EUROCARD,L-FREE,5



TE Part #6-2271013-0
CELLO,PIN,96P,TH,RA,FG,DIP4.0,-



TE Part #318A-120
CABLE 318A



TE Part #8711-01-080
MODEL 8711-01 ACCELEROMETER



TE Part #T1009033100-000
H3A-KDBP



TE Part #4-2271968-0

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

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Introducing TE's D3950 Series Connector

English

DYNAMIC SPRING CLAMP SERIES

Japanese

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English