1-178288-8 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178288-8

10 Position, Receptacle, Housing, Crimp, Wire-to-Board, 3.81 mm [.15 in] Centerline, 1 Row, Wire & Cable, Power & Signal, Dynamic 3000 Series

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Receptacle and Tab Housing: 3.81 mm pitch, 250V







Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **10**

Centerline (Pitch): **3.81 mm [.15 in]**

All Receptacle and Tab Housing: 3.81 mm pitch, 250V (45)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	1

Body Features

Primary Product Color	Black

Contact Features

Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Connector Width	22.8 mm[.89 in]
Connector Height	7.15 mm[.28 in]
Connector Length	53.43 mm[2.1 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	1200
Packaging Method	Bag

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # 1-2491628-8
DYNAMIC D3100 HDR V 10P ASSY X PdNi



TE Part # 1-2491628-7
DYNAMIC D3100 HDR V 10P ASSY X PdNi



TE Part # CAT-D9934-A75
Contact: Component To Wire; 15A, 28-14 wire size

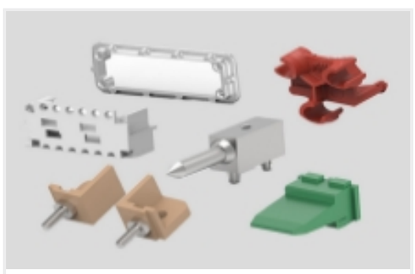


TE Part # CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated

Also in the Series | Dynamic 3000 Series



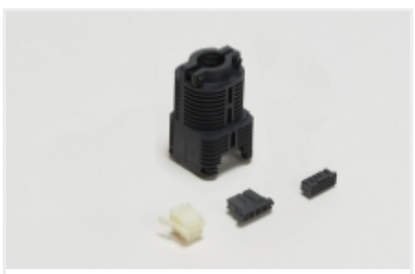
Connector Contacts(94)



Connector Hardware(8)



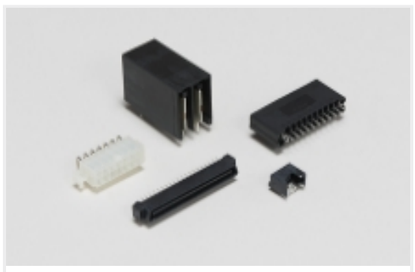
Power Contacts(94)



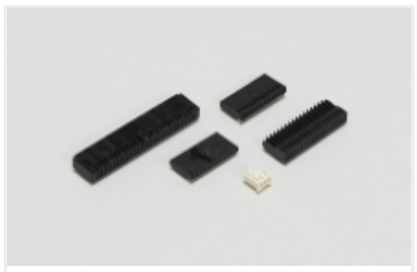
Rectangular Connector Housings(143)



Rectangular Power Connectors(443)



Standard Rectangular Connectors(167)



Wire-to-Board Connector Assemblies & Housings(92)

Customers Also Bought



TE Part #175289-3
DYNAMIC D-3 TAB CONT. L AU 0.76 L /P



TE Part #CAT-D9934-A75A
Receptacle and Tab Housing: 3.81 mm pitch, 250V

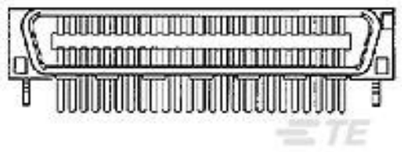


TE Part #6-1447140-5
3900022-00=FGCONTACT PACK

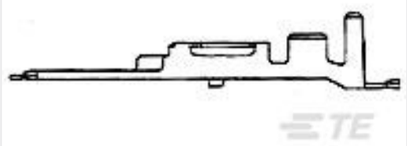
TE Part #1734753-2
MINI USB, TYPE B, VERTICAL, T/H



TE Part #2-2295044-4
RITS CONN. PLUG ASSY 4P BLUE TIN



TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P



TE Part #172778-4
MIC MK-II TAB LP

TE Part #3-5917351-8
CHAMP 050-1 BTB REC ASSY V 68P

Documents

Product Drawings

DYNAMIC 3100 REC HSG 10P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-178288-8_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-178288-8_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-178288-8_S.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

UL

English