

1-178288-8 ✓ ACTIVE



Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178288-8

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

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >

DYNAMIC 3100 REC AND TAB HSG



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 DYNAMIC 3100 REC AND TAB HSG \(45\)](#)

## 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

### Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
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### Termination Features

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Termination Method to Wire & Cable	Crimp
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### Body Features

Primary Product Color	Black
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### Mechanical Attachment

Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Operation/Application

Circuit Application	Power & Signal
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### Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Contact Features

Contact Type	Receptacle
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### Dimensions

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

Packaging Method	Bag
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Packaging Quantity	1200
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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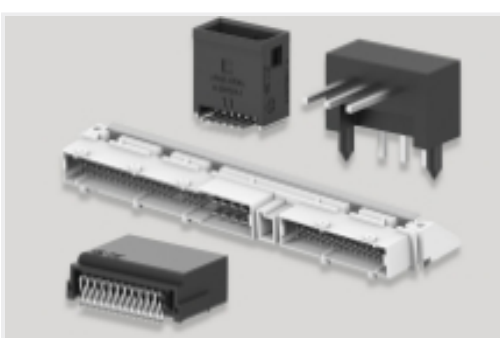
**Product Compliance Disclaimer**

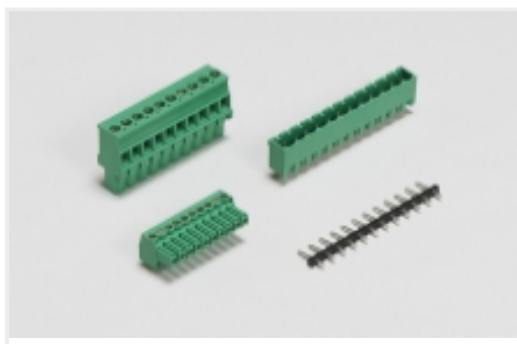
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

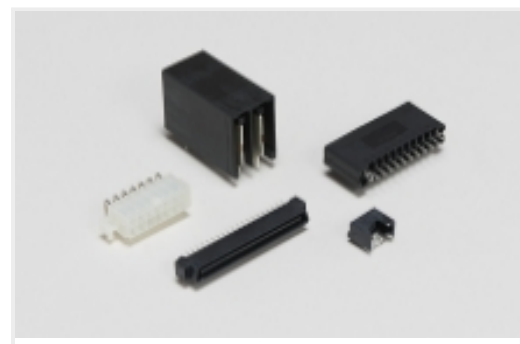
 <p>TE Part # CAT-D9934-A75 DYNAMIC 3000 CONTACT</p>	 <p>TE Part # CAT-D9934-A75E Header Assembly: Wire-to-Board, 15A, gold or tin plated</p>	 <p>TE Part # 1-2491613-7 DYNAMIC HDR ASSY H 10P PdNi</p>	 <p>TE Part # 1-2491613-8 DINAMIC D-3 HDR ASSY H 10P PdNi</p>
 <p>TE Part # 1-2491628-7 DYNAMIC D3100 HDR V 10P ASSY X PdNi</p>	 <p>TE Part # 1-2491628-8 DYNAMIC D3100 HDR V 10P ASSY X PdNi</p>		

## Also in the Series | Dynamic 3000 Series

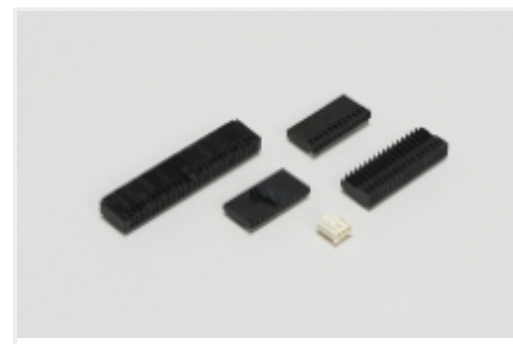
 <p>Connector Contacts(94)</p>	 <p>Connector Hardware(8)</p>	 <p>Insertion &amp; Extraction Tools(2)</p>	 <p>PCB Headers &amp; Receptacles(282)</p>
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PCB Terminal Blocks(37)

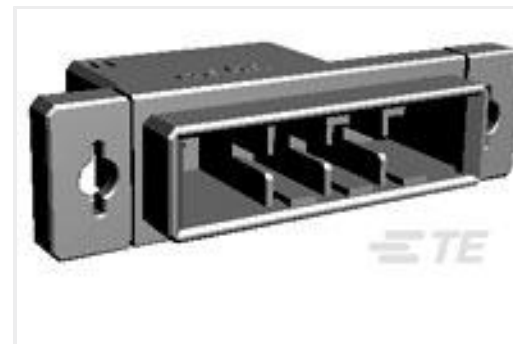


Standard Rectangular Connectors(2)



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

## Customers Also Bought

TE Part #178803-8  
DYNAMIC 3100 REC AND TAB HSGTE Part #175289-3  
DYNAMIC D-3 TAB CONT. L AU 0.76 L /PTE Part #1-1747535-2  
DYNAMIC 4200S TAB HSG 2P P/M XTE Part #1-1633962-5  
CRIMPER, INSULATION F PREMIUMTE Part #6-1447140-5  
3900022-00=FGCONTACT PACK

## 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

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



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## Product Specifications

### Product Specification

English

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## Agency Approvals

### TUV Certificate

English