

178289-7 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 178289-7

Housing, Receptacle, Wire-to-Board, 16 Position, 3.81 mm [.15 in]
Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable,
Dynamic 3000 Series

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DYNAMIC 3100 REC AND TAB HSG



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **16**

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	16
Number of Rows	2

Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
Housing Material	Polyester GF



Termination Features

Termination Method to Wire & Cable	Crimp
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Dimensions

Row-to-Row Spacing	5.08 mm[.2 in]
Connector Height	12.23 mm[.48 in]
Connector Length	42.71 mm[1.68 in]

Body Features

Primary Product Color	Black
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without

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
EU ELV Compliance	Compliant

Contact Features

Contact Base Material	Copper Alloy
Contact Type	Receptacle

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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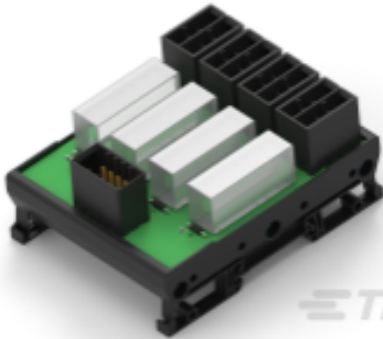


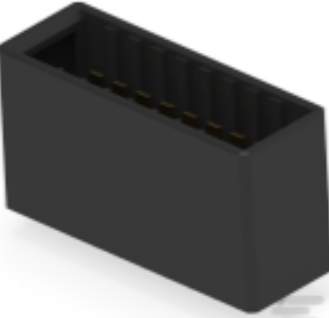
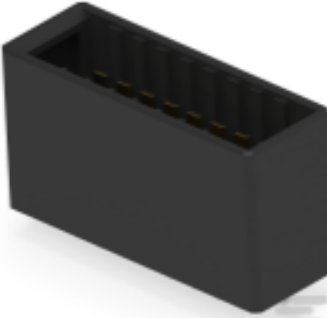


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content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

Product Compliance Disclaimer

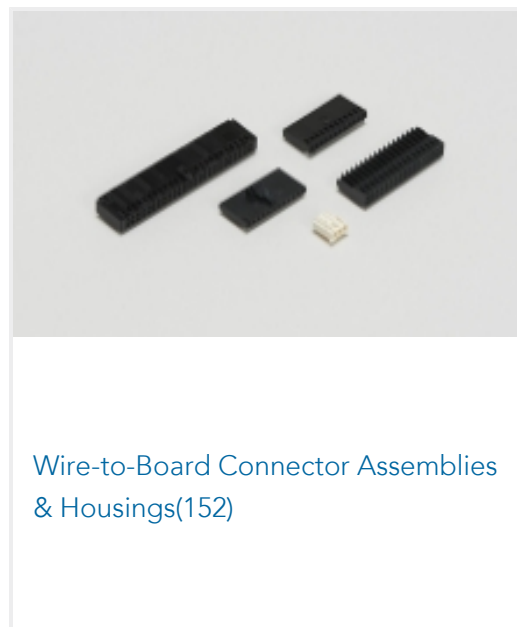
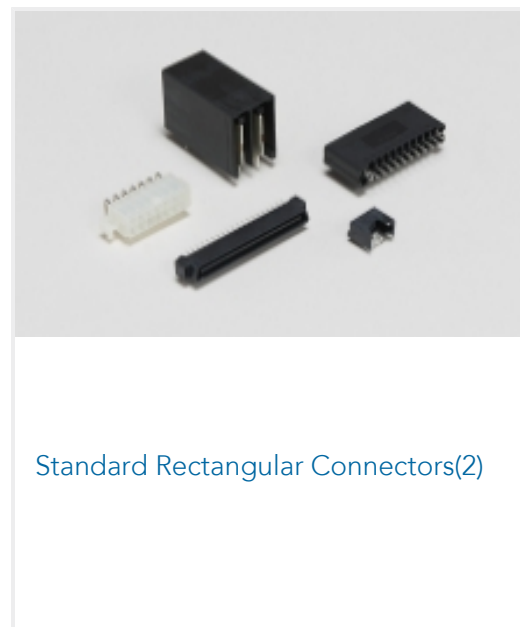
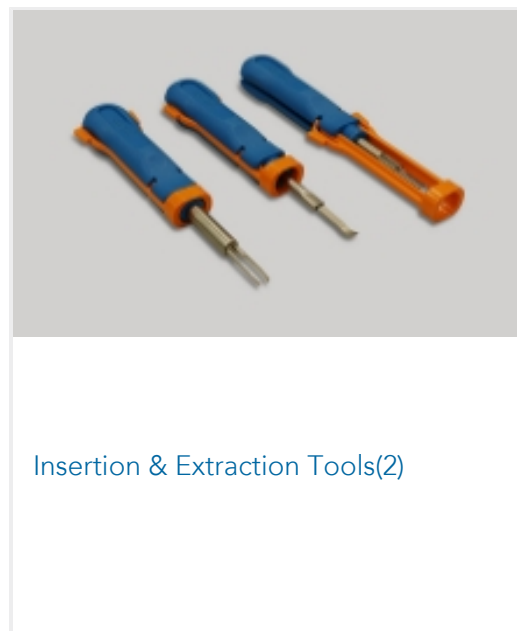
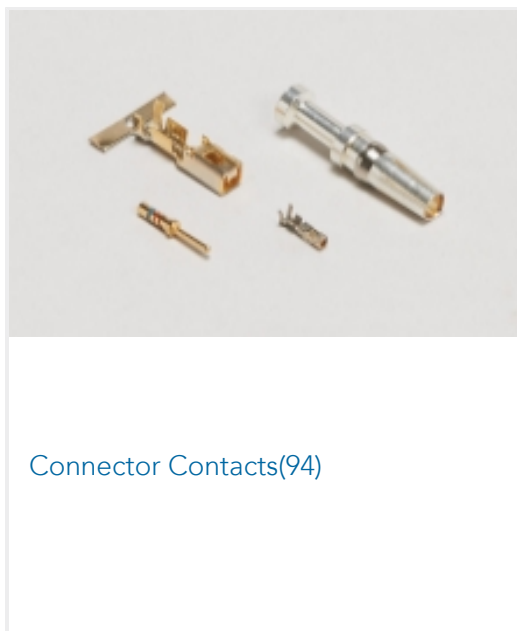
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <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 # 175855-1 DYNAMIC KEYING PLUG FOR REC</p>	 <p>TE Part # 2348625-4 DYNAMIC SERIES RELAY MODULE - 4 RELAY</p>
 <p>TE Part # 2491634-7 DYNAMIC D3100 HDR ASSY 16P PdNi</p>	 <p>TE Part # 2491634-8 DYNAMIC D3100 HDR ASSY 16P PdNi</p>	 <p>TE Part # 2491640-7 16-P POST HDR D-3100D VERT 0.38 PdNi</p>	 <p>TE Part # 2491640-8 DYNAMIC D/ROW HDR 16P V ASSY PdNi</p>



Also in the Series | Dynamic 3000 Series



Customers Also Bought



Documents

Product Drawings

[DYNAMIC D3100 REC HSG 16P](#)

Japanese

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_178289-7_P.2d_dxf.zip](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_178289-7_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_178289-7_P.3d_stp.zip](#)

English

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Product Specifications

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English

Agency Approvals

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English