



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Tab Housing**

Connector System: **Wire-to-Panel**

Number of Positions: **24**

Centerline (Pitch): **3.81 mm [.149 in]**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Tab Housing
Connector System	Wire-to-Panel
Sealable	No

Configuration Features

Number of Positions	24
Number of Rows	3

Body Features

Primary Product Color	Black
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Contact Features

Contact Base Material	Copper Alloy
Contact Type	Tab
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
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Connector Mounting Type

Panel Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.81 mm[.149 in]

Dimensions

Connector Width	45.1 mm[1.77 in]
Connector Height	17.12 mm[.67 in]
Connector Length	33.05 mm[1.3 in]
Row-to-Row Spacing	7.62 mm[.3 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 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 Method	Tray
Packaging Quantity	300

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: JAN 2025 (247) 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




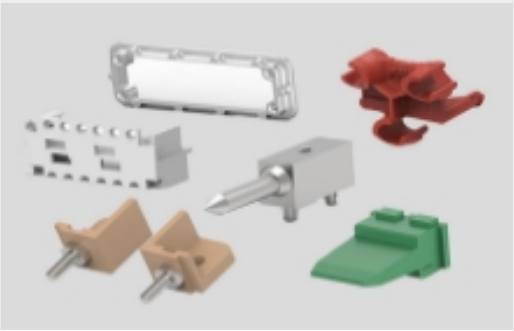

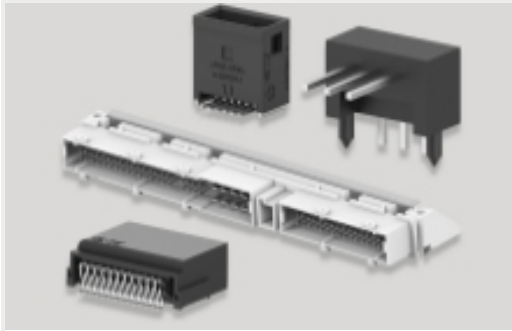
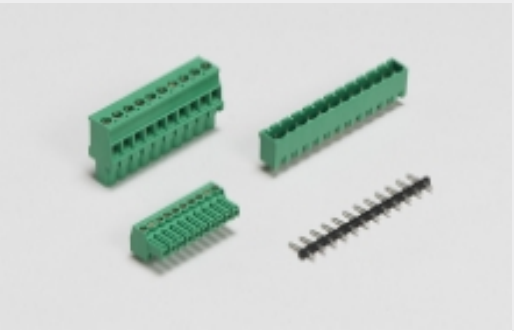


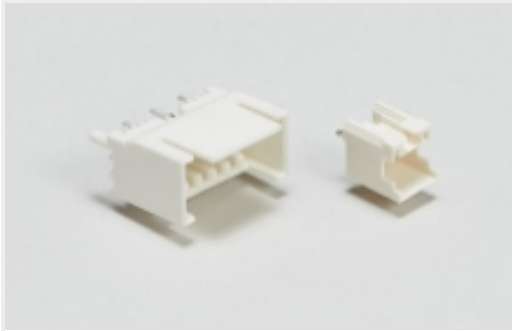
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-178288-6  
DYNAMIC D3100 REC HSG 6P

## Also in the Series | Dynamic 3000 Series

 <div>Connector Contacts(94)</div>	 <div>Connector Hardware(8)</div>	 <div>Insertion &amp; Extraction Tools(2)</div>	 <div>PCB Headers &amp; Receptacles(290)</div>
 <div>PCB Terminal Blocks(27)</div>	 <div>Power Contacts(94)</div>	 <div>Rectangular Power Connectors(386)</div>	 <div>Wire-to-Board Headers &amp; Receptacles (290)</div>

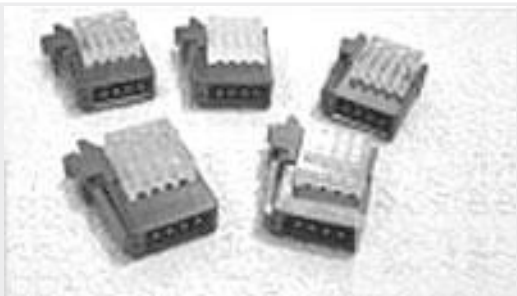
## Customers Also Bought



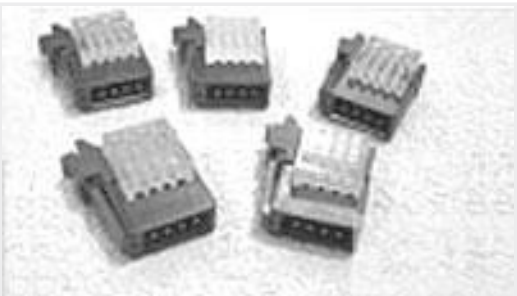
TE Part #1746741-6  
RITS CONN. SOCKET ASSY 6P  
YELLOW



TE Part #1-1827872-3  
DYNAMIC 1100D HDR ASSY V 26P  
XBLACK GOLD



TE Part #1473562-3  
RITS CONN. PLUG ASSY 3P YELLOW



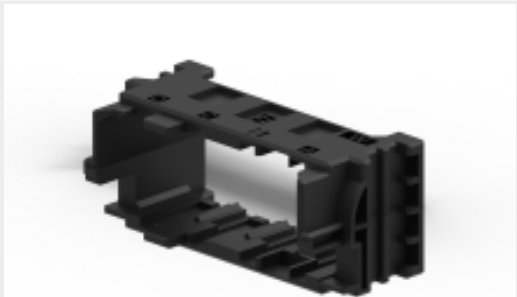
TE Part #1473562-6  
RITS CONN. PLUG ASSY 6P YELLOW



TE Part #1-1827863-0  
DYNAMIC 1100D REC HSG X 40P BL



TE Part #4-1746741-3  
RITS CONN. SOCKET ASSY 3P GREEN



TE Part #2069524-1  
DYNAMIC FRAME CABLE W key



TE Part #2-179959-2  
DYNAMIC D-5200 HDR ASSY 6P H Y



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

Documents

Product Drawings

Dynatap Conn. Junction type 24P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1971003-1\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1971003-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1971003-1\_F.3d\_stp.zip

English

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

Product Specifications

1971003-1

Connector Assembly, Tab Housing, Wire-to-Panel, 24 Position, 3.81 mm [.149 in]  
Centerline, Crimp, 3 Row, Black, Power & Signal, Dynamic 3000 Series



Application Specification

English