



Dynamic Series | Dynamic 2000 Series

TE Internal #: 1-1717834-3

Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 6 Position, 2.5 mm [.098 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Dynamic 2000 Series

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

Receptacle and Tab Housing: 2.5 mm Pitch, 250V



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **2.5 mm [.098 in]**

[All Receptacle and Tab Housing: 2.5 mm Pitch, 250V \(54\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	6
Number of Rows	2

### Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Glass-Filled Thermoplastic



### Termination Features

Termination Method to Wire & Cable	Crimp
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### Dimensions

Row-to-Row Spacing	3.75 mm[.147 in]
Connector Width	20 mm[.78 in]
Connector Height	12.98 mm[.51 in]
Connector Length	8.9 mm[.35 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

### Contact Features

Contact Current Rating (Max)	5 A
Contact Base Material	Copper Alloy
Contact Type	Receptacle

### Operation/Application

Circuit Application	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

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	600

### 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 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



## Also in the Series | [Dynamic 2000 Series](#)



Connector Contacts(10)



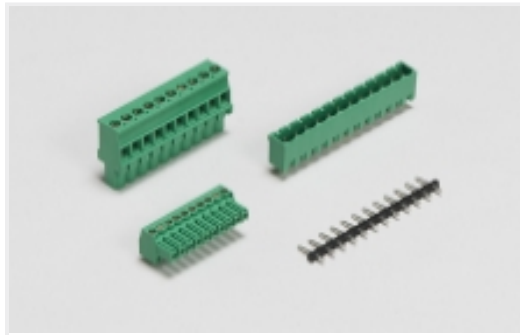
Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(44)

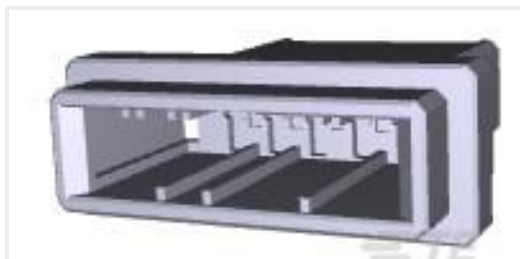


PCB Terminal Blocks(23)



Wire-to-Board Connector Assemblies & Housings(54)

## Customers Also Bought



TE Part #1-177648-5  
D3100S DYNAMIC W-T-W TAB HSG



TE Part #1-179554-6  
DYNAMIC D-3200 WTW TAB HSG 12P



TE Part #1-1318115-9  
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part #1-175195-2  
DYNAMIC D-3 REC CONT/M AU 0.38



TE Part #42470-1  
110 FASTON REC 22-18 AWG TPBR



TE Part #170203-2  
187 FASTON,REC.,24-20 AWG,TPBR



TE Part #170823-9  
110 FASTON SLEEVE,REC., TRANSPARENT,NAT



TE Part #170284-1  
SPARK SUPPRESSER CONTACT TIN P



TE Part #172006-1  
SPARK SUPPRESSER CONNECTOR

## Documents



### Product Drawings

#### DYNAMIC 2000 REC HSG 6P X KEY WITH CUTTI

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1717834-3\\_G.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1717834-3\\_G.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1717834-3\\_G.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

#### Dynamic Connector D-2000 Series

Japanese

#### Application Specification

Japanese