

3-178129-6 ✓ ACTIVE

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

TE Internal #: 3-178129-6

Housing, Receptacle, Wire-to-Board, 6 Position, .2 in [5.08 mm]

Centerline, Crimp, 2 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](#) >

Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **5.08 mm [ .2 in ]**

[All Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V \(64\)](#)

## 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	6
Number of Rows	2

### Body Features

Primary Product Color	Black
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### Termination Features

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Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
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### Dimensions

Row-to-Row Spacing	7.62 mm[.299 in]
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### 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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## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>

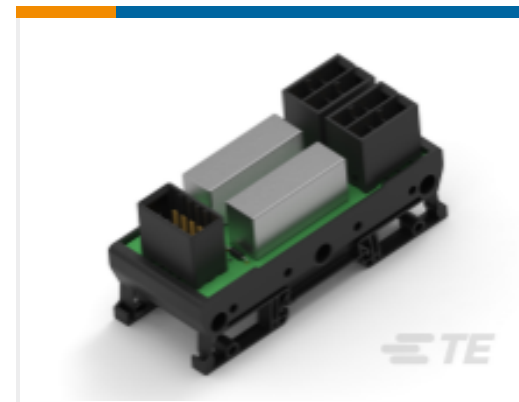
## Compatible Parts



TE Part # CAT-D9934-A75F  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



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



TE Part # 2348625-2  
DYNAMIC SERIES RELAY MODULE - 2 RELAY



TE Part # 2348625-4  
DYNAMIC SERIES RELAY MODULE - 4 RELAY

## Also in the Series | Dynamic 3000 Series



Connector Contacts(3)



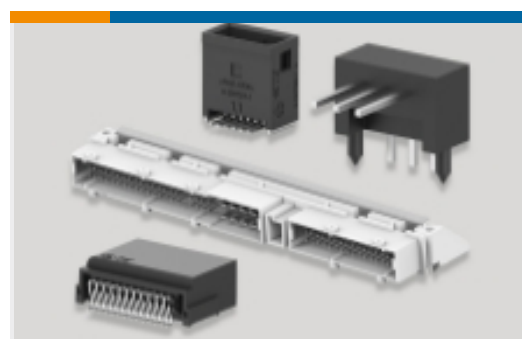
Insertion & Extraction Tools(1)



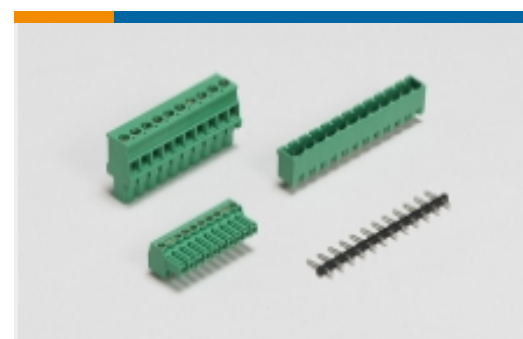
PCB Connector Keying(1)



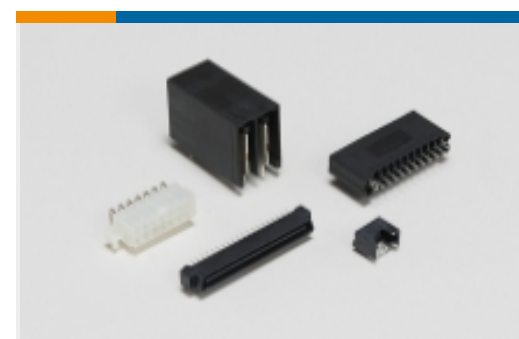
PCB Connector Mounting(8)



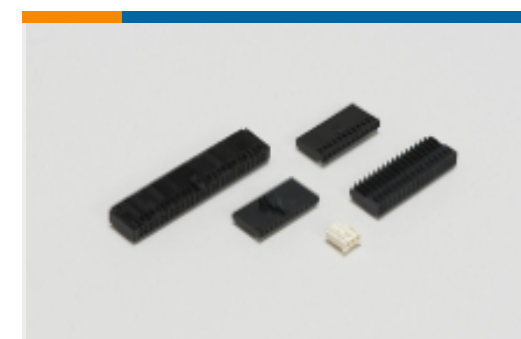
PCB Headers & Receptacles(283)



PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)



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



Wire-to-Board Connector Contacts(91)

## Customers Also Bought



TE Part #3-179554-3  
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #2-178288-3  
DYNAMIC D3100 REC HSG 3P (SGL) Y



TE Part #8-1614884-1  
CPF 0805 7K5 0.1% 25PPM 1K RL



TE Part #4-175630-4  
1.25FP,R14,DL,O,N,TR



TE Part #4-176891-4  
1.25FP,P14,DL,O,N,TR,5.00,6.90



TE Part #1-6450151-1  
MBXL VERT RCPT 40S



TE Part #2-6450131-7  
MBXL R/A HDR 40S



TE Part #2345832-2  
REC. KIT (CONT. ADD.) NEW MOTO.  
PF



TE Part #1-1102567-6  
HD.40.STS.1.29.G

## Documents

### Product Drawings

[DYNAMIC 3200 REC HSG 6P DBL](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_3-178129-6\\_E1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_3-178129-6\\_E1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_3-178129-6\\_E1.3d\\_stp.zip](#)

English

[3D PDF](#)

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-178129-6\\_R.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-178129-6\\_R.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-178129-6\\_R.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

English

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**Product Specifications**

[Product Specification](#)

English

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**Product Environmental Compliance**

[MD\\_3-178129-6\\_02032017454\\_dmtec](#)

English

[MD\\_3-178129-6\\_02032017454\\_dmtec](#)

English

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**Agency Approvals**

[TUV Certificate](#)

English