

1-178129-6 ✓ ACTIVE



Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178129-6

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

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 5.08 mm [.2 in] |
| Housing Material | Polyester GF |



Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Dimensions

| | |
|--------------------|------------------|
| Row-to-Row Spacing | 7.62 mm[.299 in] |
| Connector Width | 22.8 mm[.89 in] |
| Connector Height | 14.77 mm[.58 in] |
| Connector Length | 27.3 mm[1.07 in] |

Body Features

| | |
|-------------------------|-------|
| Primary Product Color | Black |
| Connector & Keying Code | XX |

Mechanical Attachment

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Usage Conditions

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

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 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Bag |
| Packaging Quantity | 1200 |

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

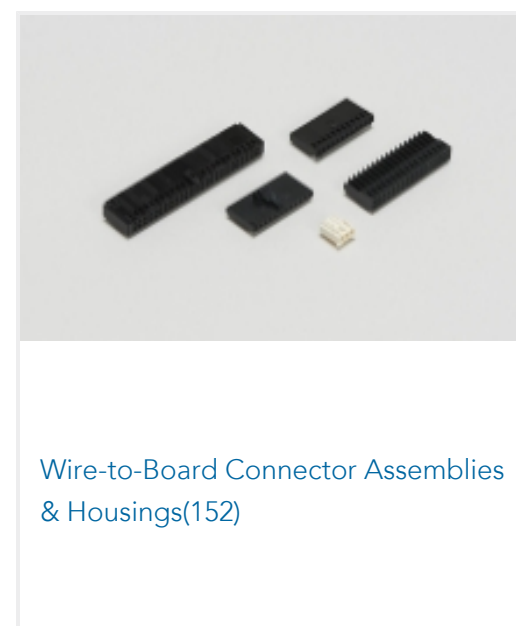
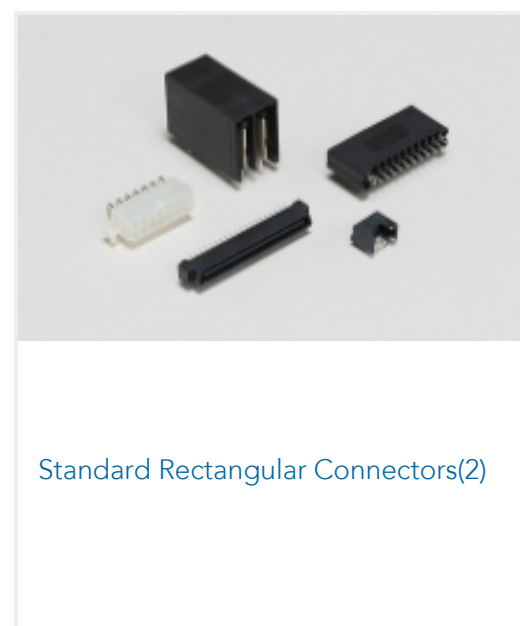
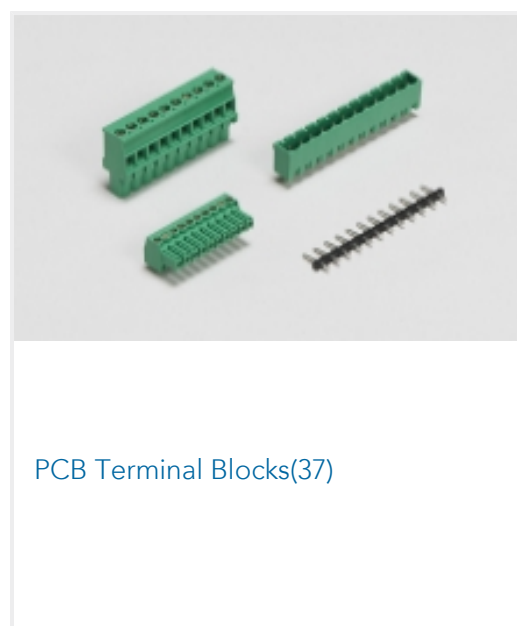
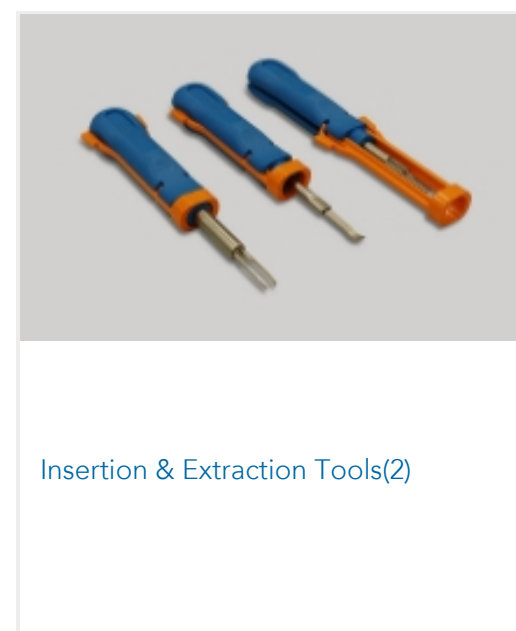
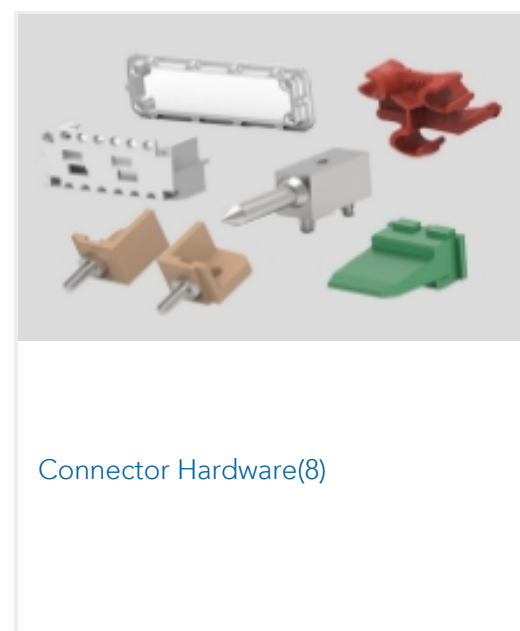
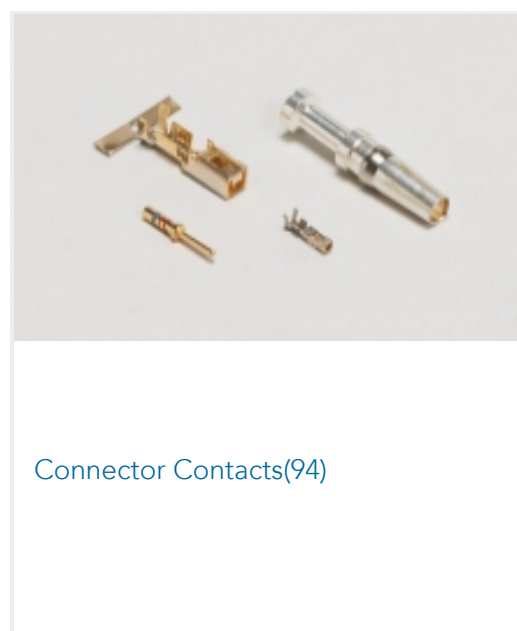
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

| | | | |
|--|--|---|---|
|  <p>TE Part # CAT-D9934-A75 DYNAMIC 3000 CONTACT</p> |  <p>TE Part # CAT-D9934-A75F DYNAMIC 3200 HDR ASSY</p> |  <p>TE Part # 1-2492007-8 DYNAMIC 3200 HDR H 6P ASSY PdNi</p> |  <p>TE Part # 1-2492010-8 DYNAMIC D3200 HDR V ASSY 6P PdNi</p> |
|  <p>TE Part # 4-2492007-7 DYNAMIC 6POS HORIZONTAL HDR AS PdNi</p> |  <p>TE Part # 9-2492007-7 DYNAMIC D3200M HDR H 6P ASSY PdNi</p> |  <p>TE Part # 1-2492010-7 DYNAMIC D3200 HDR V ASSY 6P PdNi</p> |  <p>TE Part # 1-2492007-7 DYNAMIC 3200 HDR H 6P ASSY PdNi</p> |



Also in the Series | Dynamic 3000 Series



Customers Also Bought



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

English



Customer View Model

[ENG_CVM_1-178129-6_E1.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_1-178129-6_E1.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_1-178129-6_E1.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

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Customer View Model

[ENG_CVM_CVM_1-178129-6_R.3d_igs.zip](#)

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Customer View Model

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English

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Product Specifications

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Agency Approvals

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