

1939991-2 ✓ ACTIVE

Dynamic Series | Dynamic 1000 Series

TE Internal #: 1939991-2

Connector Contact, Receptacle, Component-to-Wire, 28 – 22 AWG

Wire Size, .08 – .38 mm<sup>2</sup> Wire Size, Gold, Reel & Box, Wire & Cable,

Dynamic 1000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts >

Contact: Component To Wire; 3-5A, 30-18 wire size



Contact Type: **Receptacle**

Connector System: **Component-to-Wire**

Wire Size: **.08 – .38 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold**

**All Contact: Component To Wire; 3-5A, 30-18 wire size (30)**

## Features

### Product Type Features

|                                   |                   |
|-----------------------------------|-------------------|
| Connector System                  | Component-to-Wire |
| Connector & Contact Terminates To | Wire & Cable      |

### Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Mating Tab Width                     | .5 mm[.02 in]   |
| Mating Tab Thickness                 | .46 mm[.018 in] |
| Contact Type                         | Receptacle      |
| Contact Mating Area Plating Material | Gold            |
| Contact Current Rating (Max)         | 5 A             |

### Termination Features

|   |                |
|---|----------------|
| Rectangular Termination Post & Tail Thickness | .5 mm[.02 in]  |
| Rectangular Termination Post & Tail Width     | .7 mm[.027 in] |

### Dimensions

|           |                           |
|-----------|---------------------------|
| Wire Size | .08 – .38 mm <sup>2</sup> |
|-----------|---------------------------|

### Usage Conditions

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



**Operation/Application**

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

**Packaging Features**

|                  |            |
|------------------|------------|
| Packaging Method | Reel & Box |
|------------------|------------|

**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 2022 (224)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content   |
| 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 # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151082-1  
OCEAN\_2.0\_APPLICATOR-S-046F057F



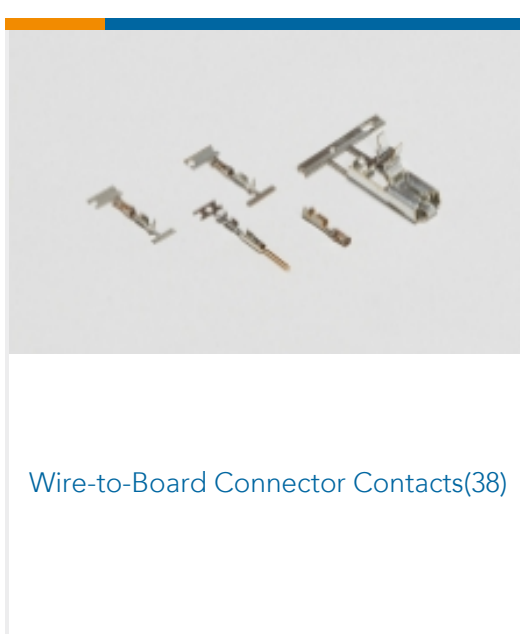
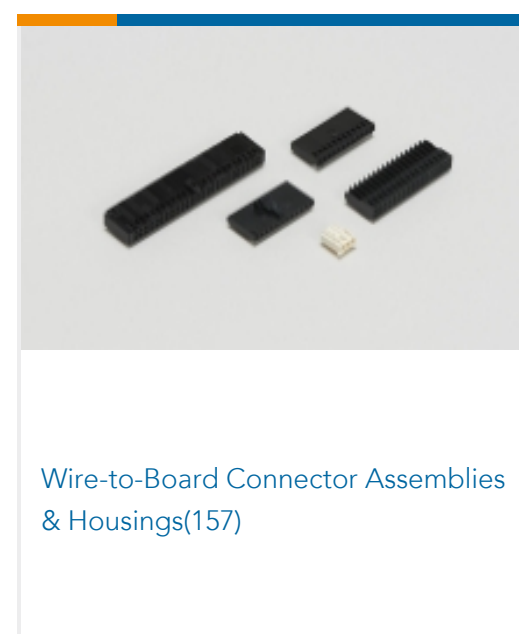
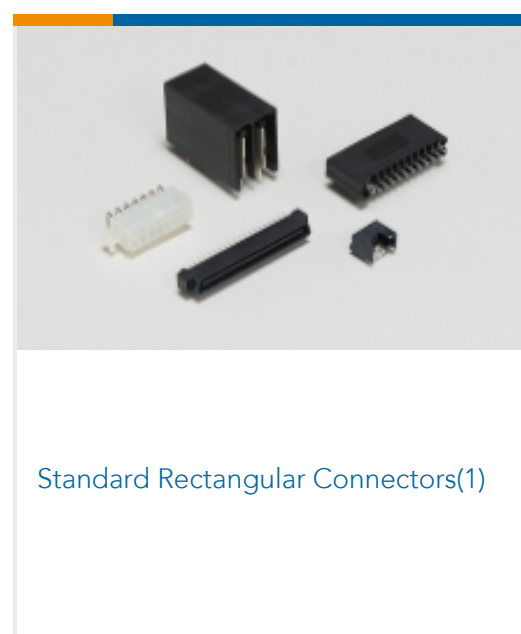
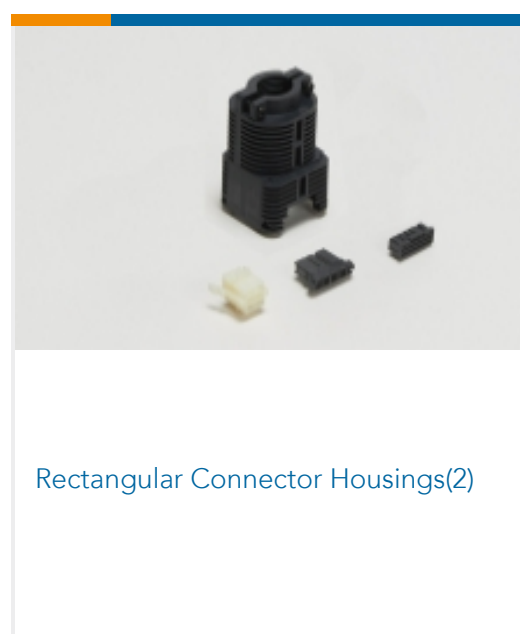
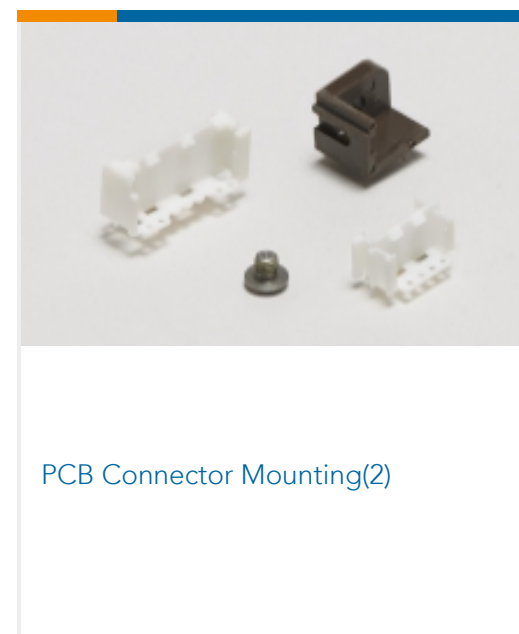
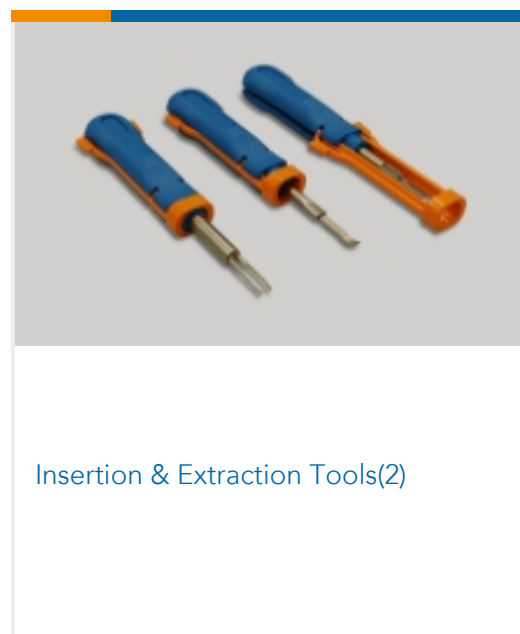
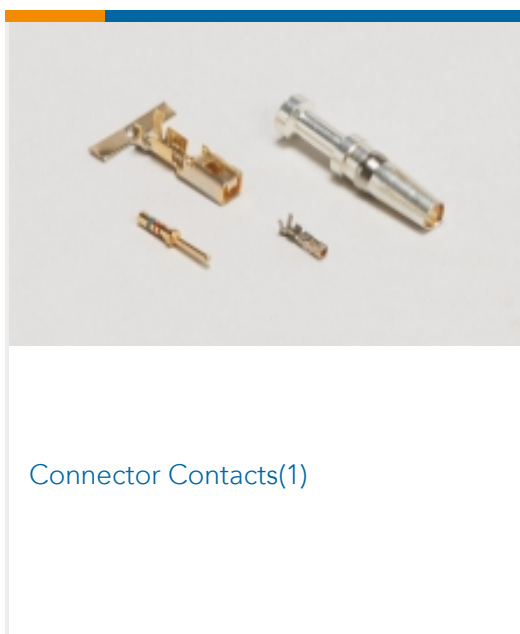
TE Part # 2151082-1  
OCEAN\_2.0\_APPLICATOR-S-046F057F



TE Part # 2-2151072-1  
OCEAN\_2.0\_APPLICATOR-S-055F108F



## Also in the Series | Dynamic 1000 Series



## Customers Also Bought



TE Part #5-166051-1  
HD 20 SOCKET ON MINI-REEL 500



TE Part #87499-7  
04 MODIV HSG SR MRKD .100CL



TE Part #87499-4  
02 MODIV HSG COMP SR .100CL



TE Part #172340-1  
MINI UMNL PLUG HOUSING 9P



TE Part #3-87499-8  
20 MODIV HSG COMP SR .100CL



TE Part #178803-8  
DYNAMIC D3100D TAB HSG PM 20P



TE Part #52924  
TERMINAL, PIDG SPR SPD 26-22 6



TE Part #1-353715-2  
DYNAMIC D-3 REC CONT. 3L AU 0.38



TE Part #1-770988-1  
MINI UMNL SOK 22-18AWG LP LF

## Documents

### Product Drawings

[DYNAMIC D1000 REC CONT M GOLD 0.76 FORM](#)

Japanese

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1939991-2\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1939991-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1939991-2\\_D.3d\\_stp.zip](#)

English

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

### 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**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_1939991-2\\_11062015850\\_dmtec](#)

English

[MD\\_1939991-2\\_11062015850\\_dmtec](#)

English

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**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

English