

1-175194-2 ✓ ACTIVE

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

TE Internal #: 1-175194-2

Connector Contact, Receptacle, Component-to-Wire, 28 – 24 AWG

Wire Size, .08 – .24 mm<sup>2</sup> Wire Size, Gold, Reel & Box, Wire & Cable,

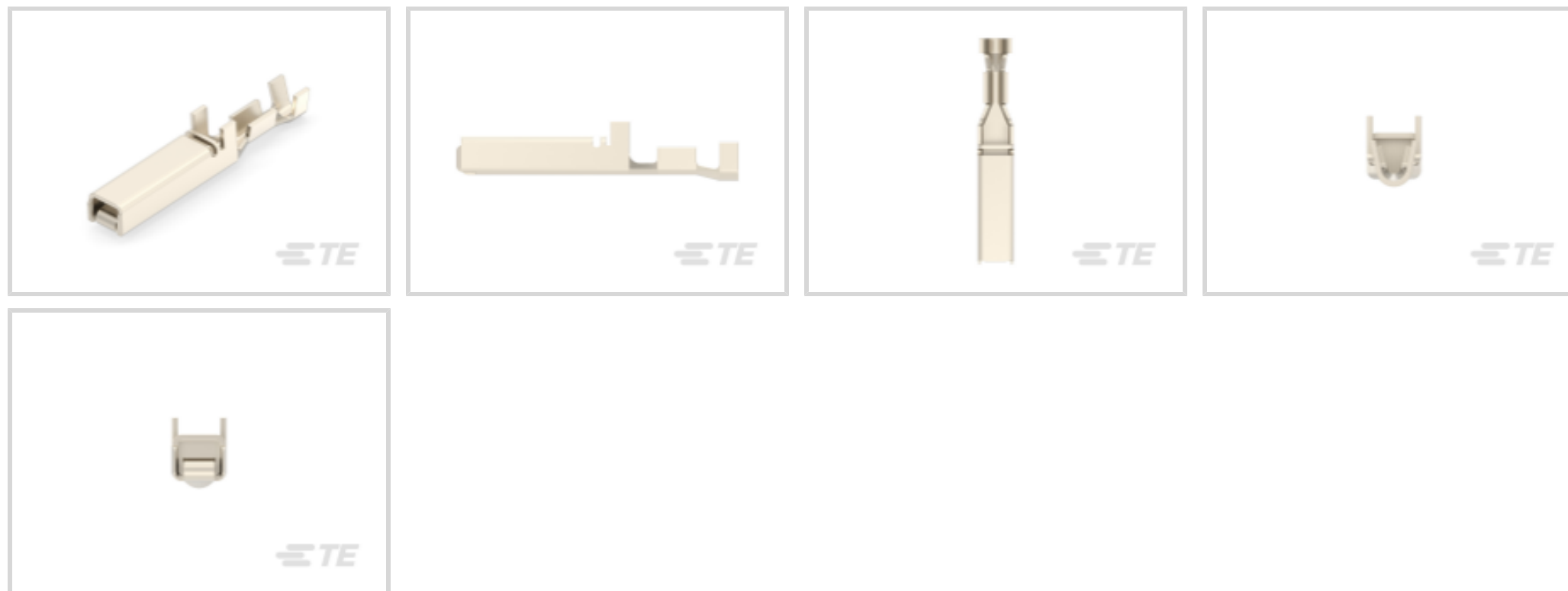
Dynamic 3000 Series

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Contacts](#) >

Contact: Component To Wire; 15A, 28-14 wire size



Contact Type: **Receptacle**

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

Wire Size: **.08 – .24 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold**

[All Contact: Component To Wire; 15A, 28-14 wire size \(91\)](#)

## Features

### Product Type Features

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

### Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Mating Tab Width                     | 2 mm[.08 in]    |
| Mating Tab Thickness                 | .64 mm[.025 in] |
| Contact Type                         | Receptacle      |
| Contact Mating Area Plating Material | Gold            |
| Contact Current Rating (Max)         | 15 A            |

### Dimensions

|           |                           |
|-----------|---------------------------|
| Wire Size | .08 – .24 mm <sup>2</sup> |
|-----------|---------------------------|

### Usage Conditions

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



### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| 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-A75B  
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part # CAT-D9934-A75A  
Receptacle and Tab Housing: 3.81 mm pitch, 250V



TE Part # CAT-D9934-A75C  
Receptacle and Tab Housing: 5.08 mm pitch, 600V



TE Part # 917249-1  
DYNAMIC D-3400F REC HSG 20P




TE Part # 178214-1  
DYNAMIC 3400 REC HSG 12P



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 91565-1  
CCII D-3 S REC TAB 28-24 ASSY



TE Part # 234168-1  
EXTRACTION TOOL(DYNAMIC D-3)



TE Part # 2-2836130-1  
OCEAN\_2.0\_APPLICATOR-S-055F080F



TE Part # 2-2836130-2  
OCEAN\_2.0\_APPLICATOR-S-055F080FA



TE Part # 2381453-1  
SDE F DYNAMIC D3000 28-24AWG ASSY



TE Part # 2381453-2  
SDE F DYNAMIC D3000 28-24AWG DIE SET



TE Part # 2836130-1  
OCEAN\_2.0\_APPLICATOR-S-055F080F



TE Part # 2836130-2  
OCEAN\_2.0\_APPLICATOR-S-055F080FA



TE Part # 7-2836130-1  
OCEAN\_2.0\_APPLICATOR-S-055F080F




TE Part # 7-2836130-2  
OCEAN\_2.0\_APPLICATOR-S-055F080FA




**KIT**  
REPRESENTATION ONLY

TE Part # 7-2836130-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F080F

Also in the Series | **Dynamic 3000 Series**



Connector Contacts(3)



Insertion & Extraction Tools(1)



PCB Connector Keying(1)



PCB Connector Mounting(8)



PCB Headers &amp; Receptacles(283)



PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)

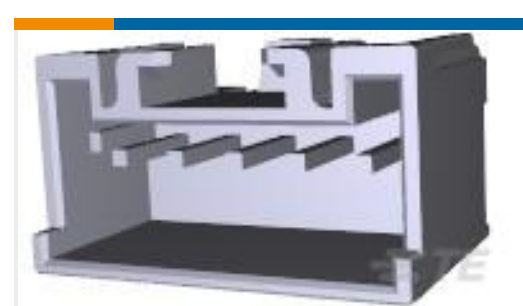


Wire-to-Board Connector Assemblies &amp; Housings(152)



Wire-to-Board Connector Contacts(91)

## Customers Also Bought

TE Part #1318095-2  
DYNAMIC D-3500 REC HSG 6PTE Part #179956-2  
Contact: Component To Wire ; 20-45A \* 20-8 wire sizeTE Part #643230-1  
04P UMNL HDR ASSY R/A 94VOTE Part #1625881-5  
1W STD M/OX 2% 47RTE Part #917780-1  
2.5 S.D.L POST HDR ASY 2P STDTE Part #917783-1  
2.5 S.D.L POST HDR ASY 5P STDTE Part #2-647127-2  
02P MTA156 SHRD HDR ASSY LFTE Part #1625881-4  
1W STD M/OX 2% 27R

## Documents

### Product Drawings

[DYNAMIC D-3 REC CONT/S AU 0.38](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-175194-2\\_M.2d\\_dxf.zip](#)

English

[3D PDF](#)





3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-175194-2\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-175194-2\\_M.3d\\_stp.zip](#)

English

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

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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

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[TUV Certificate](#)

English