

1871743-1 ✓ ACTIVE



[Dynamic Series](#) | [Dynamic 1000 Series](#)

TE Internal #: 1871743-1

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

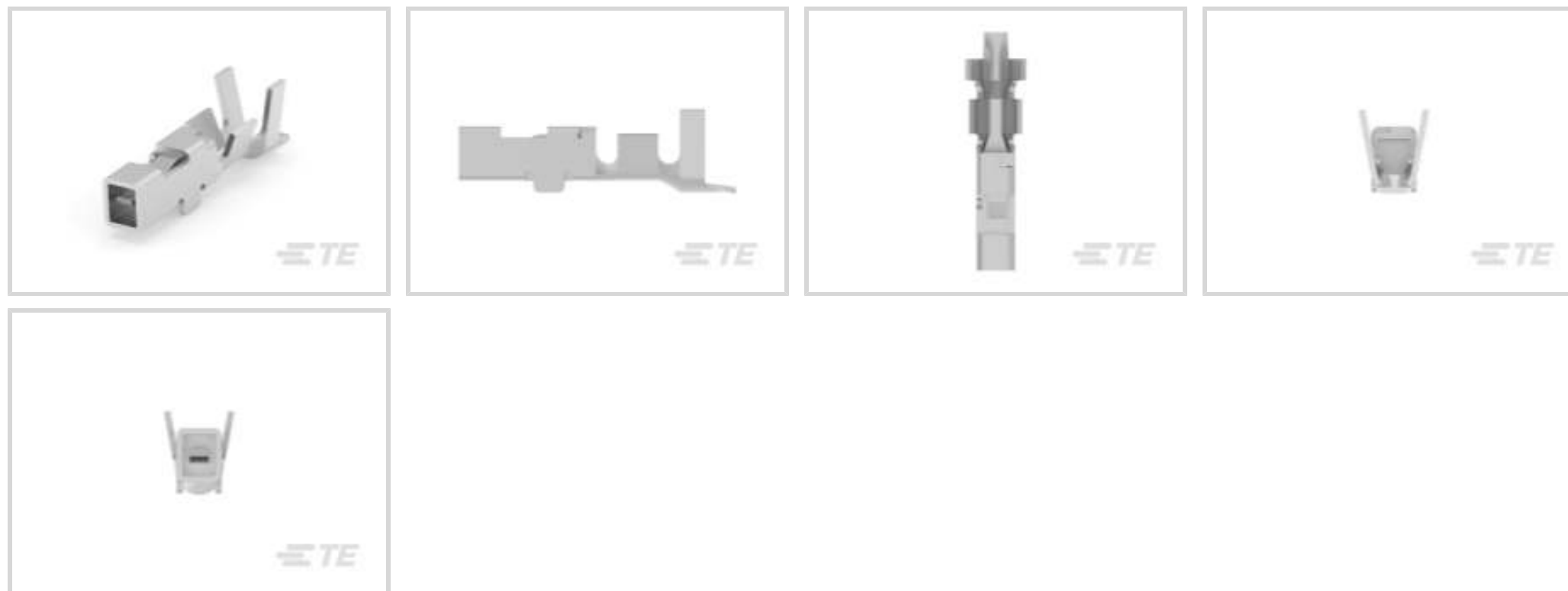
Wire Size, .08 – .38 mm<sup>2</sup> Wire Size, Tin, Bag & Box, Wire & Cable,

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: **Tin**

[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                     | .7 mm[.027 in] |
| Mating Tab Thickness                 | .5 mm[.02 in]  |
| Contact Type                         | Receptacle     |
| Contact Mating Area Plating Material | Tin            |
| Contact Current Rating (Max)         | 5 A            |

### 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 | Bag & 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 # 1891526-1  
EXTRACTION TOOL FOR DYNAMIC 1000 SERIES

TE Part # 2119141-1  
CCII D1000 M REC TAB 28-22 ASSY

TE Part # 2370817-1  
SDE F D 1000 SERIES 22-28 ASSY

TE Part # 2370817-2  
SDE F D 1000 SERIES 22-28 DIE SET

## Also in the Series | Dynamic 1000 Series



Connector Contacts(1)



Insertion & Extraction Tools(2)



PCB Connector Keying(1)



PCB Connector Mounting(2)



PCB Headers & Receptacles(173)



Rectangular Connector Housings(2)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(157)



Wire-to-Board Connector Contacts(39)

## Customers Also Bought



TE Part #2-1827864-3  
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part #1827588-2  
DYNAMIC D1000 REC CONT L AU 0.38 um L/P



TE Part #353718-5  
DYNAMIC D-3 TAB CONT. 3L PRE-TIN L/P



TE Part #2-1622824-9  
RL73H 3A R10 1% 4K RL



TE Part #1318986-2  
DYNAMIC D-5 REC CONT SS L/P AU



## Documents

### Product Drawings

[DYNAMIC D1000 REC CONT M PRE TIN L/P](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1871743-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1871743-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1871743-1\\_B.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

---

### Product Specifications

[Application Specification](#)

English

---

### Product Environmental Compliance

[TE Material Declaration](#)

English

---

### Instruction Sheets

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

English

---

### Agency Approvals

[TUV Certificate](#)

English