

1871745-1 ✓ ACTIVE



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

TE Internal #: 1871745-1

Connector Contact, Receptacle, Component-to-Wire, 22 – 18 AWG

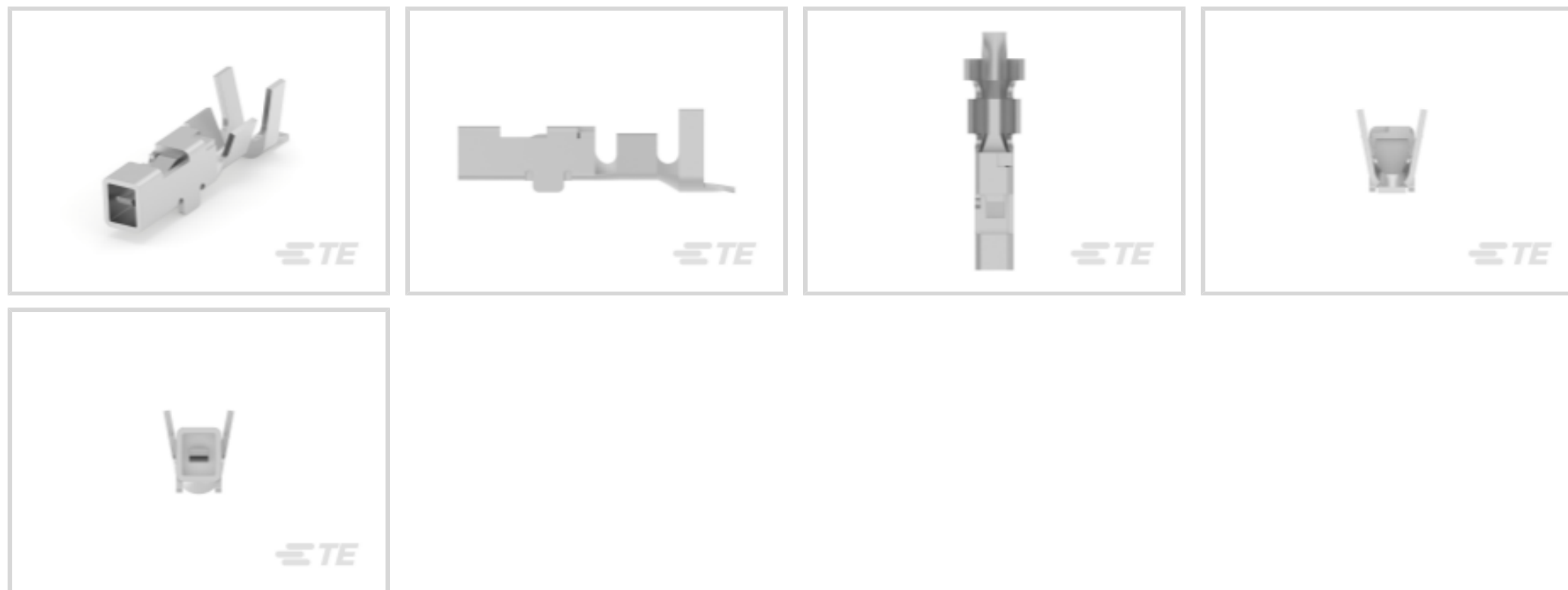
Wire Size, .34 – .86 mm<sup>2</sup> Wire Size, Tin, Bag & Box, Wire & Cable,

Dynamic 1000 Series

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[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: **.34 – .86 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	.34 – .86 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Bag & Box
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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	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



## Also in the Series | Dynamic 1000 Series



Connector Contacts(1)



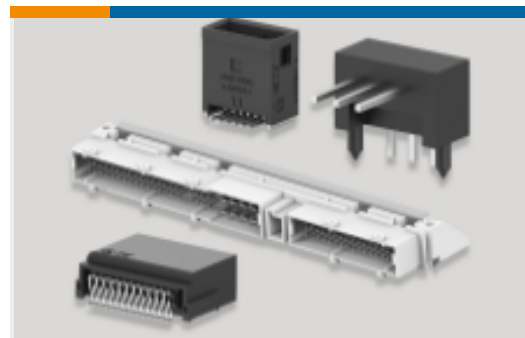
Insertion & Extraction Tools(2)



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)

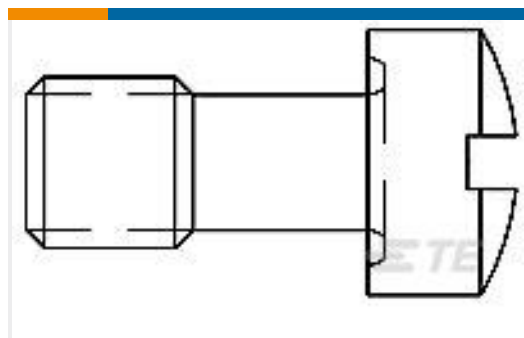


Wire-to-Board Connector Contacts(39)

## Customers Also Bought



TE Part #5787131-1  
50 .8MM CHAMP PLUG KIT



TE Part #5205979-1  
FILLISTER HEAD SCREW,ZN



TE Part #NB11354001  
ATUM-52/13-0-SP



TE Part #NB09304001  
ATUM 4:1 dual wall heat shrink tubing



TE Part #8-1768019-3  
ESSW1-100



TE Part #EG41050001  
ES-CAP-NO.2-B9-0-35MM



TE Part #2260862-2  
F07 APF CABLE ASSY 1M



TE Part #2260862-1  
F07 APF CABLE ASSY 0.5M



## Documents

### Product Drawings

[DYNAMIC D1000 REC CONT 2L PRE TIN L/P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1871745-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1871745-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1871745-1\\_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

### Instruction Sheets

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

Japanese

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

English

### Agency Approvals

[TUV Certificate](#)

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English