



Dynamic Series | Dynamic 1000 Series

TE Internal #: 1827589-2

Receptacle Contact, Gold, 125 VAC / 250 VAC, 125 VDC / 250 VDC,  
22 – 18 AWG Wire Size, .34 – .86 mm<sup>2</sup> Wire Size, Crimp, Dynamic  
1000 Series

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Contact: Component To Wire; 3-5A, 30-18 Wire Size



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Operating Voltage: **250 VDC, 125 VDC**

Wire Size: **22 – 18 AWG**

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

**Features**

**Mechanical Attachment**

Wire Insulation Support	With
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**Packaging Features**

Packaging Method	Reel & Box
Packaging Quantity	12500

**Contact Features**

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Tab Thickness	.5 mm[.02 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Barrel Type	Open
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Mating Tab Width	.7 mm[.027 in]
Contact Length	8.6 mm[.338 in]



Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A

### Electrical Characteristics

Operating Voltage	250 VDC, 125 VDC
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### 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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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## 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	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-A15B  
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part # CAT-D9934-A15  
Contact: Component To Wire; 3-5A, 30-18 Wire Size



TE Part # 2119142-1  
CCII D1000 2L REC TAB 22-18 ASSY




TE Part # 1891526-1  
EXTRACTION TOOL FOR DYNAMIC 1000 SERIES




TE Part # 2255142-1  
MINI SAHT D1000-2L


## Also in the Series | Dynamic 1000 Series



Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(169)



Rectangular Connector Housings(2)



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

## Customers Also Bought



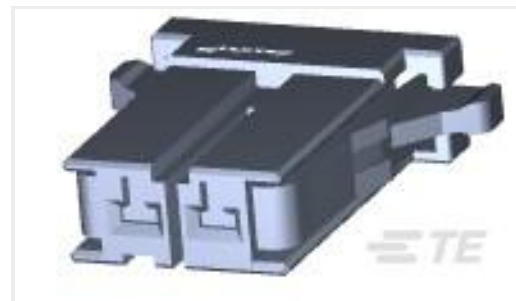
TE Part #175217-2  
DYNAMIC 3000 CONTACT



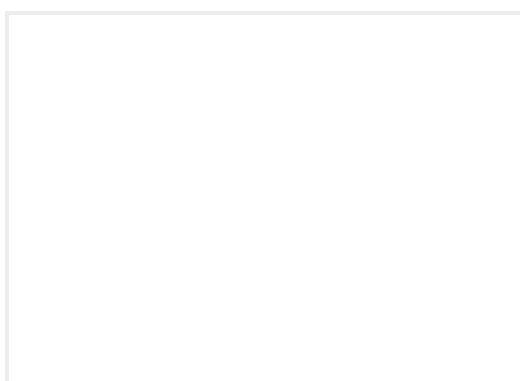
TE Part #1473574-3  
RITS.JUNCTION BOX 4D 3P P/M



TE Part #1-1827579-1  
DYNAMIC 1500T REC HSG 3P X BLACK



TE Part #1-178128-2  
DYNAMIC 3200 REC HSG 2P SGL



TE Part #2229985-1  
D1200-RITS RELAY BOARD ASSY 16 POSITION



TE Part #YDIV40E15-35PAC009  
RECP ASSY



TE Part #YDIV40E15-35SAC009  
RECP ASSY

## Documents

### Product Drawings

DYNAMIC D1000 REC CONT 2L AU 0.38um L/P

English

### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1827589-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1827589-2\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1827589-2\\_A.2d\\_dxf.zip](#)

English

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



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## Product Specifications

### Application Specification

English

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## Instruction Sheets

### Instruction Sheet (non U.S.)

Japanese

### Instruction Sheet (non U.S.)

English

### Instruction Sheet (non U.S.)

Japanese

### MULTIPLE ENCLOSURE 67M D1200 15POS. REC PLUG

Japanese

### Instruction Sheet (non U.S.)

Japanese

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## Agency Approvals

### TUV Certificate

English