

1827570-2 ✓ ACTIVE

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

TE Internal #: 1827570-2

Receptacle Contact, Gold (Au), 125 VAC / 250 VAC, 125 VDC / 250 VDC, 28 – 22 AWG, .08 – .38 mm<sup>2</sup> Wire, Crimp, Copper Alloy, Signal, 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 (Au)**

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

Wire Size: **28 – 22 AWG**

[All Contact: Component To Wire; 3-5A, 30-18 Wire Size \(30\)](#)

## Features

### Electrical Characteristics

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

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Tab Width	.7 mm[.027 in]
Contact Length	7.9 mm[.311 in]
Mating Tab Thickness	.5 mm[.02 in]
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A

### Termination Features

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



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Compatible Insulation Diameter Range	1.08 – 1.6 mm [.042 – .063 in]
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Wire Size	.08 – .38 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	6000
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Packaging Method	Reel & Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151082-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-046F057F



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



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



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



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



TE Part # 2151082-2  
OCEAN\_2.0\_APPLICATOR-S-046F057FA-RSA



REPRESENTATION ONLY, DIE SET MAY VARY

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




TE Part # 1-1827863-0  
DYNAMIC 1100D REC HSG X 40P BL




TE Part # 1-1827864-0  
DYNAMIC 1200D REC HSG 20P X BLACK


## Also in the Series | Dynamic 1000 Series




Connector Contacts(40)



Connector Hardware(3)



Power Contacts(9)



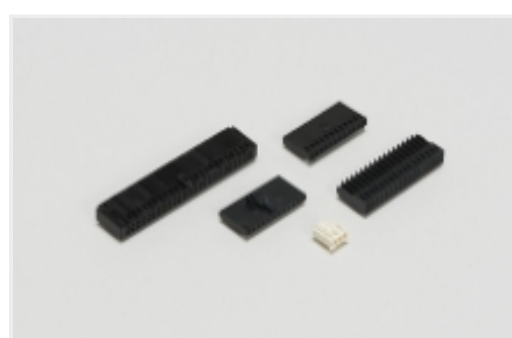
Rectangular Connector Housings(129)



Rectangular Power Connectors(115)



Standard Rectangular Connectors(130)



Wire-to-Board Connector Assemblies &amp; Housings(24)

## Customers Also Bought



TE Part #CAT-D9934-A15A  
Receptacle and Tab Housing: 2.0 mm  
pitch, 125V



TE Part #CAT-D9934-A15B  
Receptacle and Tab Housing: 2.5 mm  
Pitch, 250V



TE Part #1-2069029-2  
DYNAMIC 1500T REC HSG 6P X  
BLACK

## Documents

### Product Drawings

[DYNAMIC D1000 REC CONT M AU 0.38um FORM](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1827570-2\\_G.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1827570-2\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1827570-2\\_G.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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

English

[MULTIPLE ENCLOSURE 67M D1100 24POS. REC PLUG](#)



Japanese

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

Japanese

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

Japanese

[MULTIPLE ENCLOSURE 67M D1200 15POS. REC PLUG](#)

Japanese

[MULTIPLE ENCLOSURE 65M D1100 32POS](#)

Japanese

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

Japanese

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

Japanese