

1-175196-3 ✓ ACTIVE

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

TE Internal #: 1-175196-3

Connector Contact, Receptacle, Component-to-Wire, 20 – 16 AWG

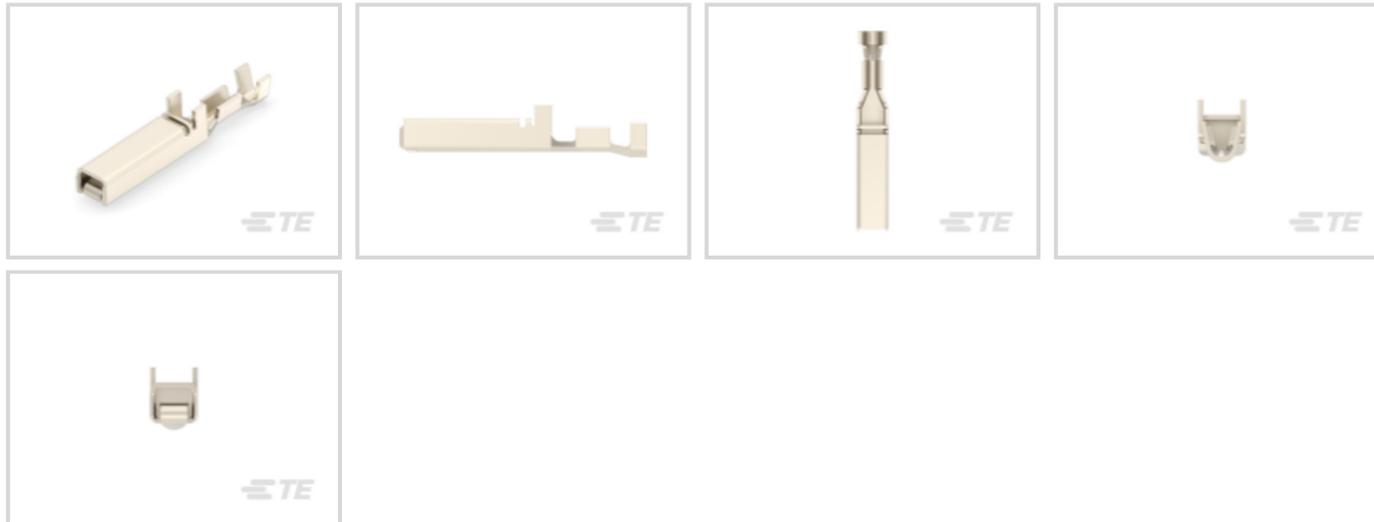
Wire Size, .5 – 1.42 mm<sup>2</sup> Wire Size, Gold, Reel & Box, Wire & Cable,

Dynamic 3000 Series

[View on TE.com >](#)



[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Contacts](#) > [DYNAMIC 3000 CONTACT](#)



Contact Type: **Receptacle**

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

Wire Size: **.5 – 1.42 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold**

[All DYNAMIC 3000 CONTACT \(91\)](#)

## 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	.5 – 1.42 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	Power & Signal
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**Packaging Features**

Packaging Method	Reel & Box
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**Product Compliance**

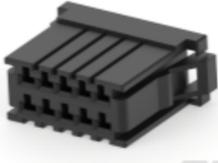
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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**

 <p>TE Part # CAT-D9934-A75B Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V</p>	 <p>TE Part # CAT-D9934-A75A DYNAMIC 3100 REC AND TAB HSG</p>	 <p>TE Part # CAT-D9934-A75C DYNAMIC 3500 REC AND TAB HSG</p>	 <p>TE Part # 234168-1 EXTRACTION TOOL(DYNAMIC D-3)</p>
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TE Part # 178214-1  
DYNAMIC 3400 REC HSG 12P



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



TE Part # 2-2151018-1  
OCEAN\_2.0\_APPLICATION-S-090F110F



TE Part # 2151018-1  
OCEAN\_2.0\_APPLICATION-S-090F110F



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



TE Part # 2-2151018-2  
OCEAN\_2.0\_APPLICATION-S-090F110F



TE Part # 2-2836204-1  
OCEAN-2.0-APPLICATION-S-090F110OV



TE Part # 2-2836204-2  
OCEAN-2.0-APPLICATION-S-090F110OVA



TE Part # 2151018-2  
OCEAN\_2.0\_APPLICATION-S-090F110F



TE Part # 2836204-1  
OCEAN-2.0-APPLICATION-S-090F110OV



TE Part # 2836204-2  
OCEAN-2.0-APPLICATION-S-090F110OVA



TE Part # 5-2151018-1  
OCEAN\_2.0\_APPLICATION-S-090F110F



TE Part # 5-2151018-2  
OCEAN\_2.0\_APPLICATION-S-090F110F



TE Part # 5-2836204-1  
OCEAN-2.0-APPLICATION-S-090F110OV

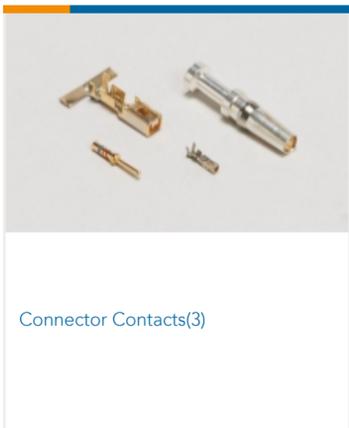


TE Part # 5-2836204-2  
OCEAN-2.0-APPLICATION-S-090F110OVA

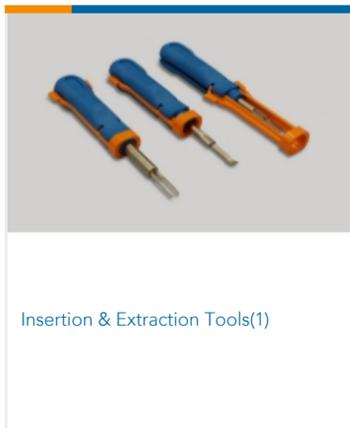


TE Part # 7-2151018-1  
OCEAN\_2.0\_APPLICATION-S-090F110F

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



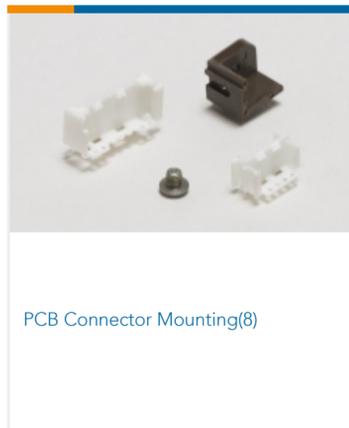
Connector Contacts(3)



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  
& Housings(152)

Wire-to-Board Connector Contacts(91)

## Documents

### Product Drawings

[DYNAMIC D-3 REC CONT/L AU 0.76](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-175196-3\\_AG.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-175196-3\\_AG.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-175196-3\\_AG.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



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### Product Environmental Compliance

[MD\\_1-175196-3\\_04172017047\\_dmtec](#)

English

[MD\\_1-175196-3\\_04172017047\\_dmtec](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[TUV Certificate](#)

English

[TUV Certificate](#)

English