

100503L ✓ ACTIVE

DEUTSCH

TE Internal #: 100503L

Connector Contacts, Socket, Gold, Gold, Size Size 20, 24 – 20 AWG

Wire Size, .25 – .5 mm<sup>2</sup> Wire Size, Crimp

[View on TE.com >](#)



[Connectors >](#) [Rectangular Connectors >](#) [Connector Contacts](#)



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

Contact Size: **Size 20**

Wire Size: **24 – 20 AWG**

## Features

### Contact Features

|  |         |
|--|---------|
| Contact Type                                   | Socket  |
| Contact Mating Area Plating Material           | Gold    |
| Wire Contact Termination Area Plating Material | Gold    |
| Contact Size                                   | Size 20 |
| Contact Current Rating (Max)                   | 7.5 A   |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Dimensions

|           |                          |
|-----------|--------------------------|
| Wire Size | .25 – .5 mm <sup>2</sup> |
|-----------|--------------------------|

## Product Compliance

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

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions  |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2022 (223)<br>Candidate List Declared Against: JUL 2021 (219) |



SVHC > Threshold:

Pb (1.2% in Contact Lead-Copper Alloy)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 245°C

**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>

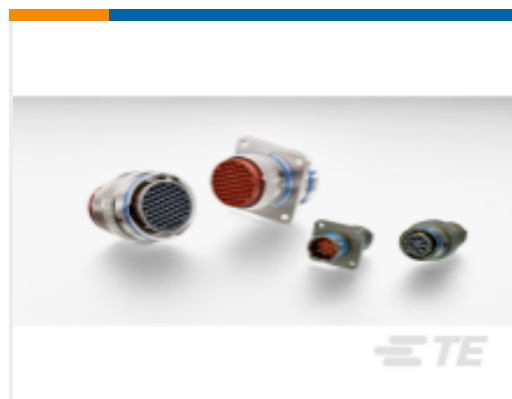
## Compatible Parts



TE Part # 0641-1-2031L  
CONT PIN



TE Part # YAFD50-22-55SZC019  
RECP ASSY



TE Part # YAFD51-12-10SXC012  
RECP ASSY



TE Part # YAFD51-14-15SXC012  
RECP ASSY



TE Part # YAFD51-14-18SNC012  
RECP ASSY



TE Part # YAFD54-12-8SXC0120  
RECP ASSY




TE Part # YAFD54-12-8SYC0120  
RECP ASSY



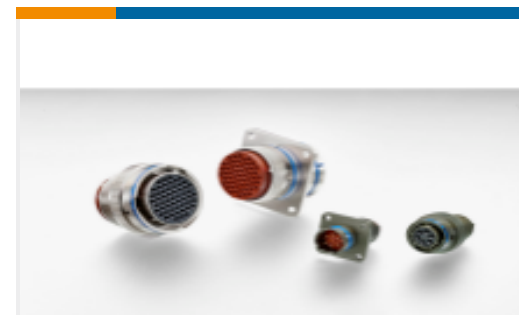
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RECP ASSY



TE Part # YAFD54-14-18SXC012  
RECP ASSY



TE Part # YAFD54-14-19SNC127  
RECP ASSY



TE Part # YAFD54-14-19SYC012  
RECP ASSY




TE Part # YAFD54-22-55SNC127  
RECP ASSY




TE Part # YAFD57-18-32SZC012  
PLUG ASSY



TE Part # YAFD57-20-39SZC012  
PLUG ASSY




TE Part # YAFD57-22-41SXC012  
PLUG ASSY




TE Part # YAFD58-24-61SWC012  
RECP ASSY



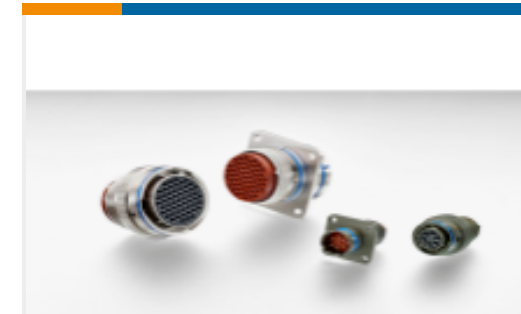
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RECP ASSY



TE Part # YAFD50-12-10SWC019  
RECP ASSY



TE Part # YAFD50-12-10SXC019  
RECP ASSY



TE Part # YAFD50-12-10SYC019  
RECP ASSY

### Customers Also Bought



TE Part # 100504L  
CONT SOC ASSY



TE Part # 38943-22L  
CONT SOC ASSY



TE Part # 131854-000  
HT-SCE-1K-3/4-2.0-0



TE Part # YACT26MB05SAC00100  
STRAIGHT PLUG



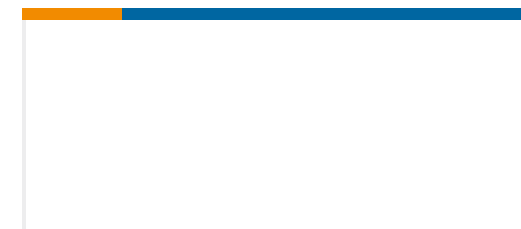
TE Part # EJ3524-000  
S200-3-55-18-9CS2904



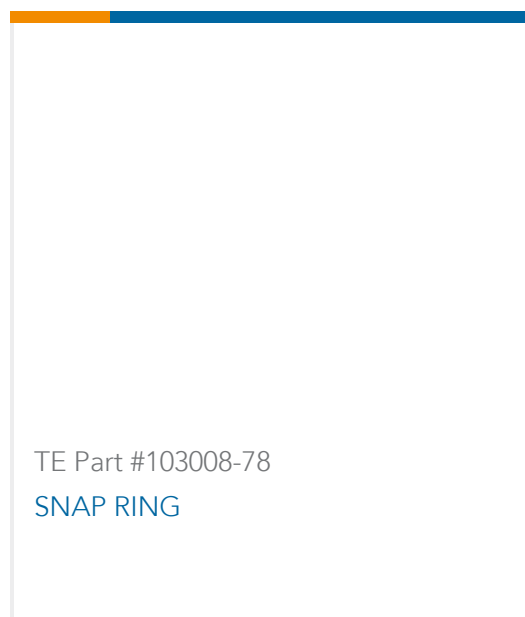
TE Part # 1-650909-4  
0% EURO TYPE R PIN AP ASSY



TE Part # 199113-000  
55A1112-22-9-9CS2275



TE Part # 102929-02  
INS SOC ASSY



## Documents

### Product Drawings

[CONT SOC ASSY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_100503L\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_100503L\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_100503L\\_1.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[DEUTSCH Contacts Quick Reference Guide](#)

English