

100503L ✓ ACTIVE

DEUTSCH

TE Internal #: 100503L

Gold (Au), Socket Contact, 24 – 20 AWG, .25 – .5 mm<sup>2</sup> Wire, Size 20, Crimp

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



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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 (Au)
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
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### Dimensions

Wire Size	.25 – .5 mm <sup>2</sup>
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## 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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247)



SVHC > Threshold:

Pb (.7% in Component part)

**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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

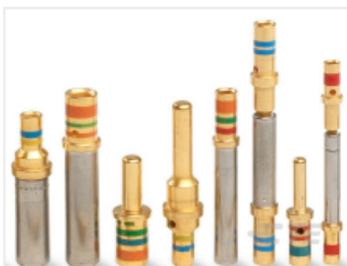
Solder Process Capability

Reflow solder capable to 245°C

**Product Compliance Disclaimer**

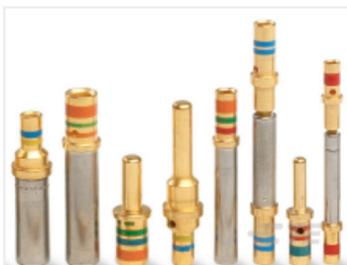
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

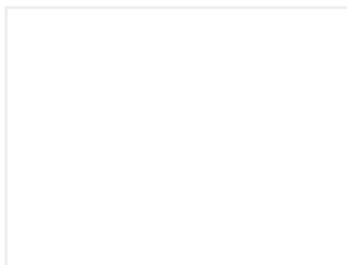


TE Part # 0641-1-2031L  
CONT PIN

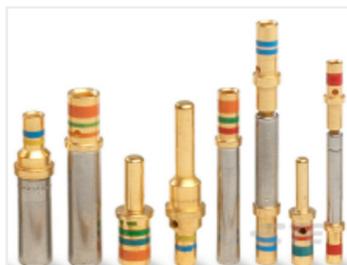
## Customers Also Bought



TE Part #0641-3-1231L  
CONT PIN



TE Part #CTS-S20-20  
CONT SOC ASSY



TE Part #2562-201-2031L  
CONT SOC ASSY



TE Part #100505L  
CONT SOC ASSY



TE Part #100504L  
CONT SOC ASSY



TE Part #1969823-1  
250 HIGH TEMP POS LOCK HSG FLAG



TE Part #2132189-5  
5P SL156 HSG W/LCK RMP, TABS & RTNR



TE Part #8-2176618-9  
SMQF1W 1M0 5%



TE Part #2238105-1  
250 POS LOCK REC FLAG 16-14 NISTL



TE Part #6450551-1  
MBXL VERT RCPT 24S+6P

## 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

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