

170313-1 ✓ ACTIVE

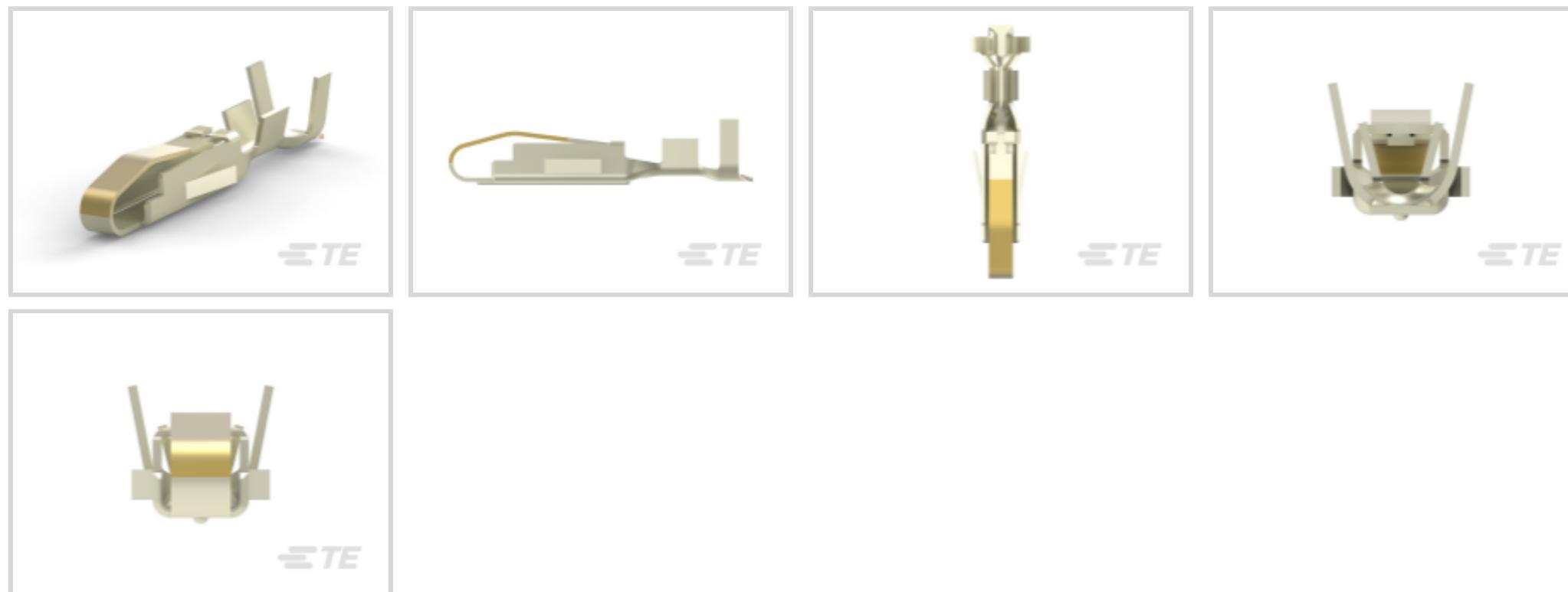
TE Internal #: 170313-1

Hermaphroditic Contact, Gold, 30 VAC, Locking Lance Contact  
Retention, 24 - 20 AWG Wire Size, .2 - .5 mm<sup>2</sup> Wire Size, 394.71 -  
986.76 CMA Wire Size

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Hermaphroditic**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **30 VAC**

Contact Retention Within Housing: **With**

## Features

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	2000 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	30 VAC

### Contact Features

Mating Tab Width	3 mm[.118 in]
Mating Tab Thickness	.65 mm[.025 in]
Contact Length	21 mm[.827 in]
Contact Underplating Material	Nickel
Contact Type	Hermaphroditic
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	7 A

### Termination Features

Termination Method to Wire &amp; Cable

Crimp

Product Terminates To

Wire &amp; Cable

**Mechanical Attachment**

Contact Retention Type Within Housing

Locking Lance

**Dimensions**

Compatible Insulation Diameter Range

1.5 - 1.95 mm[.059 - .077 in]

Wire Size

394.71 - 986.76 CMA

**Usage Conditions**

Operating Temperature Range

-30 - 105 °C[-22 - 221 °F]

**Operation/Application**

Circuit Application

Signal

**Packaging Features**

Packaging Quantity

1000

Packaging Method

Reel

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

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

Solder Process Capability

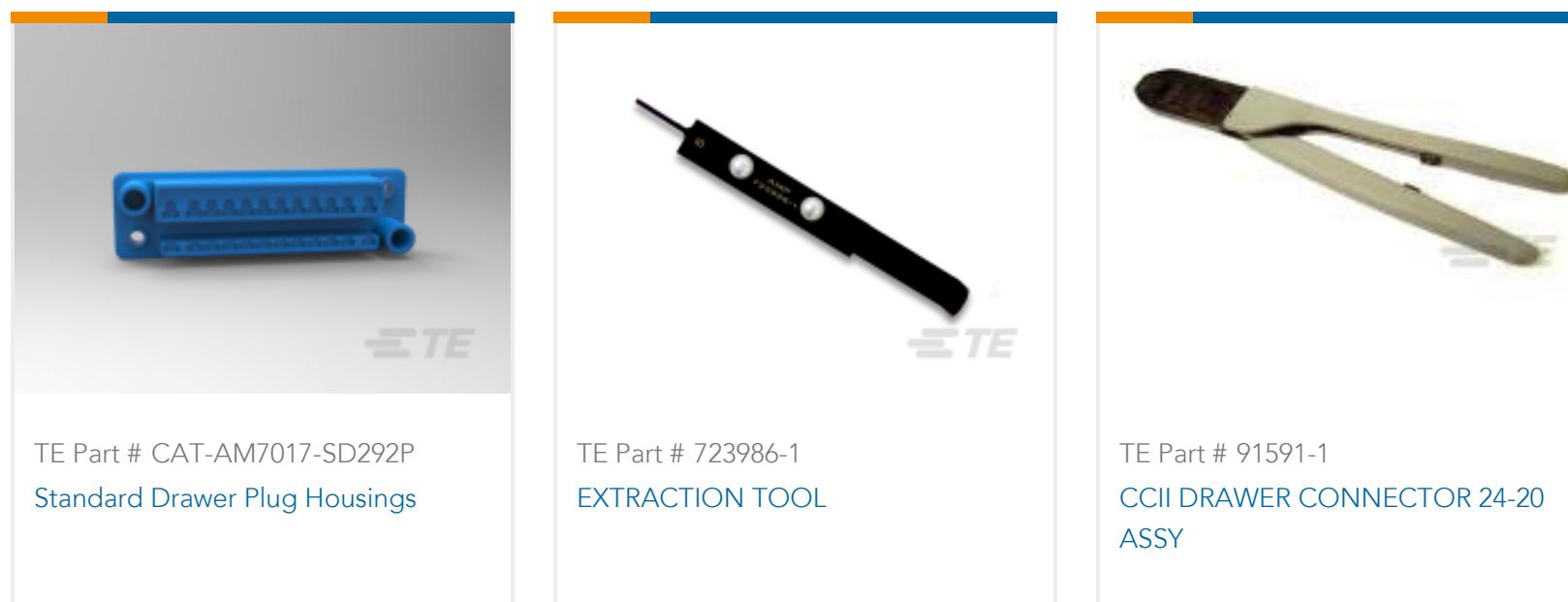
Not applicable for solder process capability

## Product Compliance Disclaimer

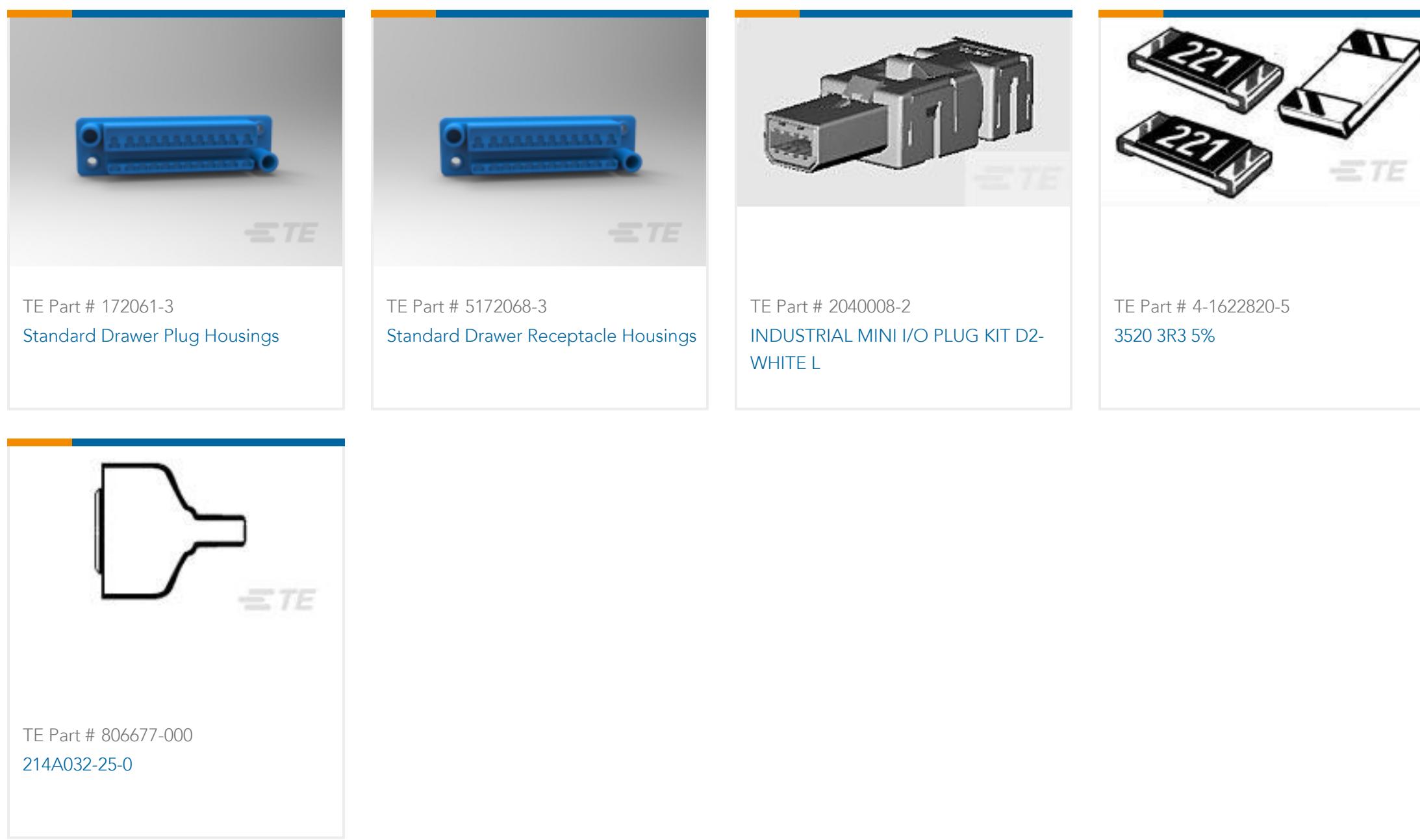
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



## Customers Also Bought



## Documents

### Product Drawings

[DRAWER CONN.CONTACT](#)

Japanese

### CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_170313-1\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_170313-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_170313-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

**Low Power Drawer Connectors QRG**

English

**Product Specifications**[Crimping Drawer Connector Contacts](#)

English

**Application Specification**

English