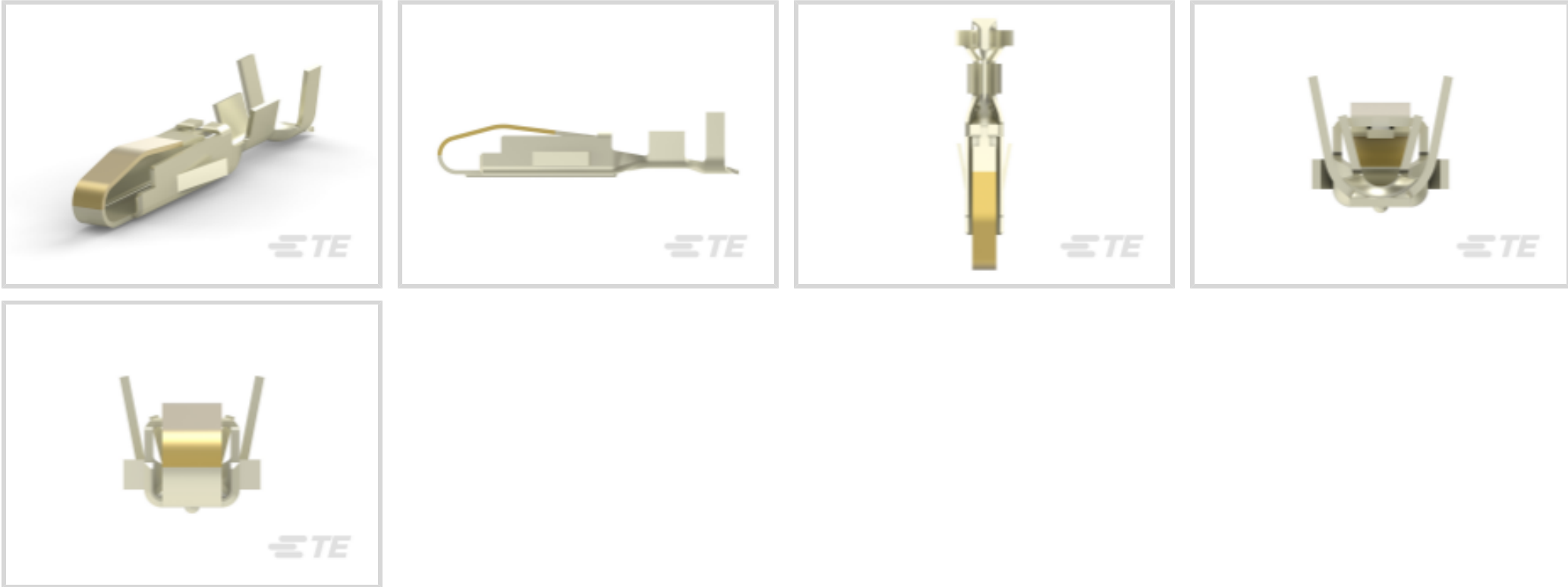




TE Internal #: 170313-1
Hermaphroditic Contact, Gold, 30 VAC, Locking Lance Contact Retention, 24 - 20 AWG Wire Size, .2 - .5 mm² Wire Size, 394.71 - 986.76 CMA Wire Size
[View on TE.com >](#)

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 & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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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]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # CAT-AM7017-SD292P
Standard Drawer Plug Housings




TE Part # 723986-1
EXTRACTION TOOL




TE Part # 91591-1
CCII DRAWER CONNECTOR 24-20 ASSY


Customers Also Bought




TE Part # 172061-3
Standard Drawer Plug Housings



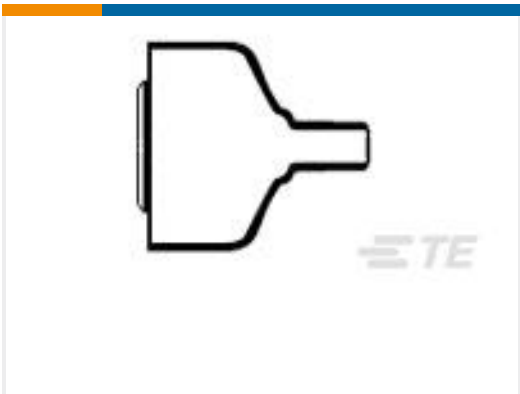
TE Part # 5172068-3
Standard Drawer Receptacle Housings



TE Part # 2040008-2
INDUSTRIAL MINI I/O PLUG KIT D2-WHITE L



TE Part # 4-1622820-5
3520 3R3 5%



TE Part # 806677-000
214A032-25-0

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

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Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

[Low Power Drawer Connectors QRG](#)

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Product Specifications

[Crimping Drawer Connector Contacts](#)

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[Application Specification](#)

English