170313-1 ✓ ACTIVE

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
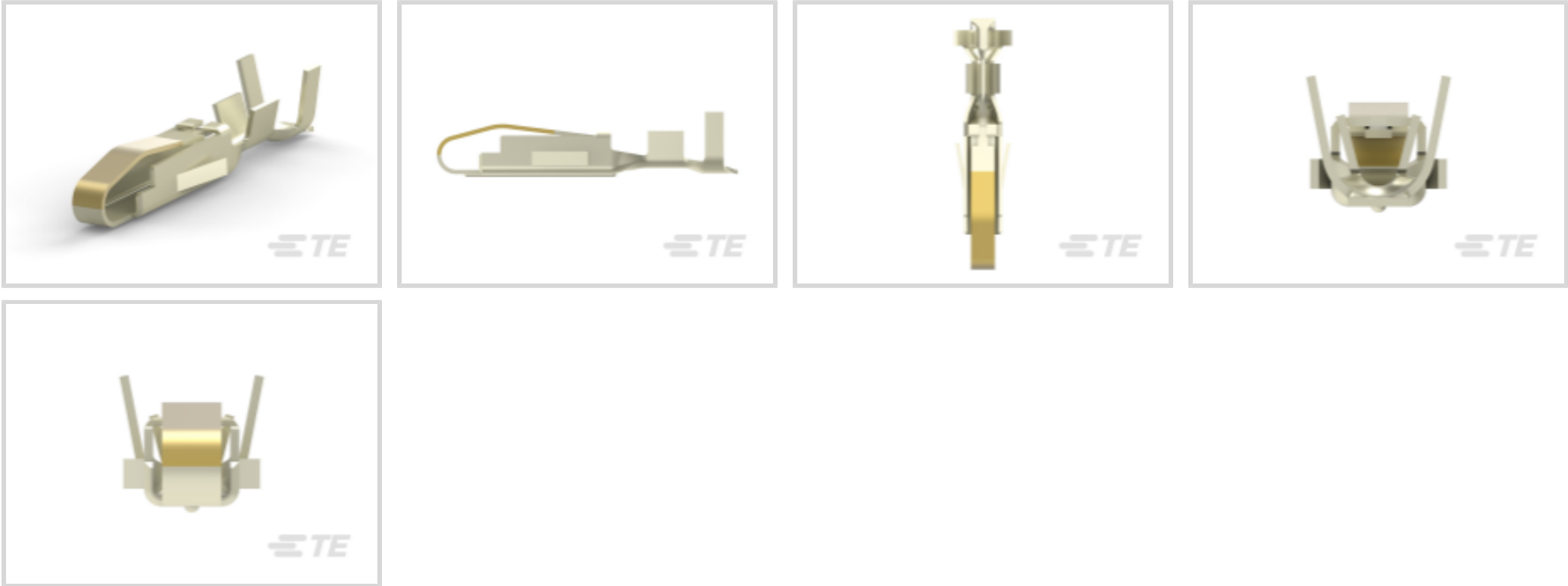
View on TE.com >

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

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AWG Wire Size, .2 – .5 mm² Wire Size, 394.71 – 986.76 CMA Wire Size

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & 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>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

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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
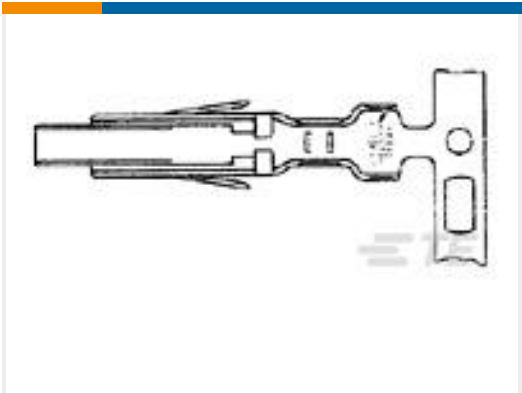Standard Drawer Plug Housings

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 #170312-1
POWER CONN.CONTACT

TE Part #1757823-9
AMPLIMITE,ASY,PLUG,STD,90,ZN,3,CT

TE Part #1532210-2
M83513/01-BC, MCKS-C2-B-15PS

TE Part #2-2176329-4
CRGP 1210 820R 1%

TE Part #123421-000
55A1122-20-9/96-9CS2275

TE Part #60573-2
187 FASTON REC 24-20 BR

Documents

Product Drawings

DRAWER CONN.CONTACT

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_170313-1_B.2d_dxf.zip

English

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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