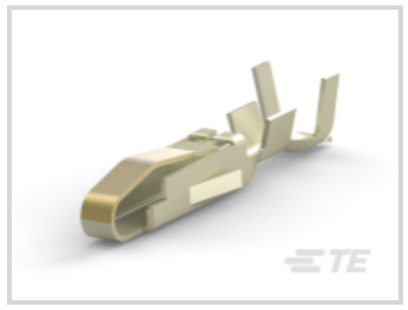
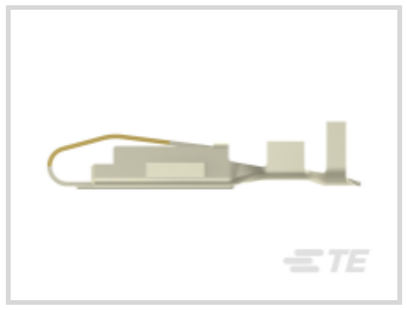
170313-1 ✔ ACTIVE

TE Internal #: 170313-1

Gold (Au), Hermaphroditic Contact, 24 – 20 AWG, 30 VAC, .2 – .5 mm² Wire, Locking Lance Contact Retention, 394.71 – 986.76 CMA, Crimp, Phosphor Bronze

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Hermaphroditic**

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

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

Operating Voltage: **30 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

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

Contact Features

Contact Underplating Material	Nickel
Mating Tab Thickness	.65 mm[.025 in]
Mating Tab Width	3 mm[.118 in]
Contact Length	21 mm[.827 in]
Contact Type	Hermaphroditic
Contact Mating Area Plating Material	Gold (Au)
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

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 Method	Reel
Packaging Quantity	1000

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 91591-1
CCII DRAWER CONNECTOR 24-20 ASSY

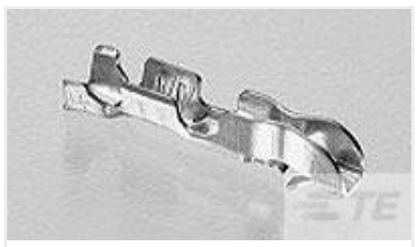


TE Part # CAT-AM7017-SD292P
Standard Drawer Plug Housings



TE Part # 723986-1
EXTRACTION TOOL

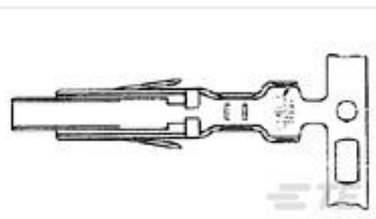
Customers Also Bought



TE Part #170205-3
EIS CONTACT LP



TE Part #170246-1
TYPE-3 1.57DIA PIN ASSY L/P



TE Part #170485-1
DRAWER CONN LP



TE Part #172063-1
08P DRAWER MALE HSG



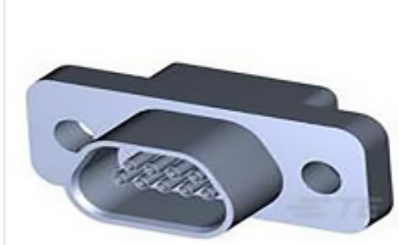
TE Part #213283-2
HARDWARE KIT,DRAWER CONN



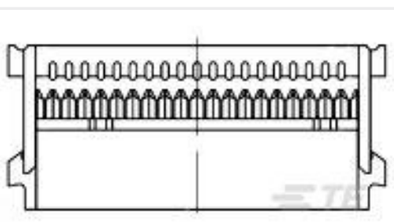
TE Part #926305-7
4P UNIV M-N-L CAP



TE Part #1532187-1
M83513/02-AN, MCKS-N1-B-9SS



TE Part #1532209-1
M83513/01-AN, MCKS-N1-B-9PS



TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE



TE Part #5172069-3
DRAWER CONN 12P FEMALE

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