# 166997-2 ✔ ACTIVE

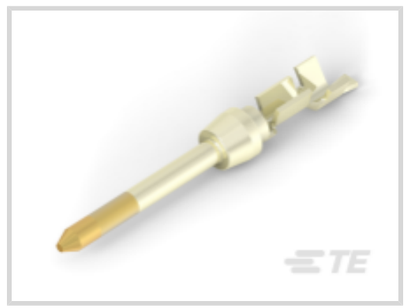
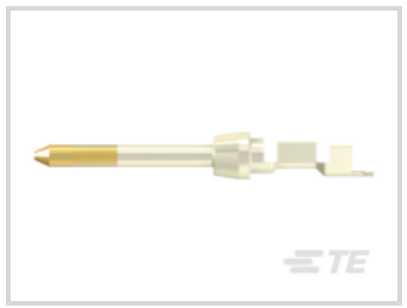
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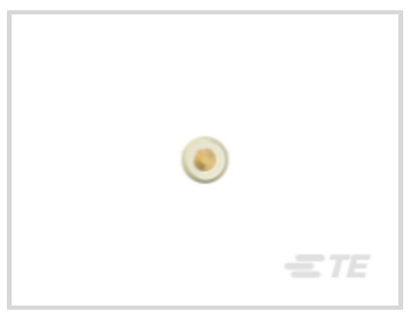
TE Internal #: 166997-2

D-Sub Connector Contacts, Pin, 20 D-Sub Contact Size, Brass, Gold, Crimp, 32 – 28AWG Wire Size, .03 – .08mm² Wire Size, Cable-to-Cable, Wire & Cable

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connector Contacts

Contact Type: **Pin**

D-Sub Contact Size: **20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

Termination Method to Wire & Cable: **Crimp**

## Features

### Product Type Features

| | |
|---|---|
| Connector System | Cable-to-Cable |
| Connector & Contact Terminates To | Wire & Cable |

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Contact Type | Pin |
| D-Sub Contact Size | 20 |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 1.2 A |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

### Dimensions

| | |
|---|---|
| Wire Size | .03 – .08 mm² |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

### Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## 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: JUN 2020 (209)<br>Candidate List Declared Against: JAN 2020 (205)<br>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 Model / Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY



TE Model / Part # 1579007-9
EXTRACTION TOOL

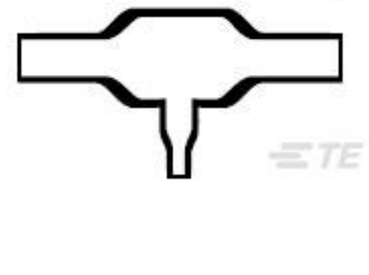


TE Model / Part # 166995-1
20DF CRIMP PIN

## Customers Also Bought



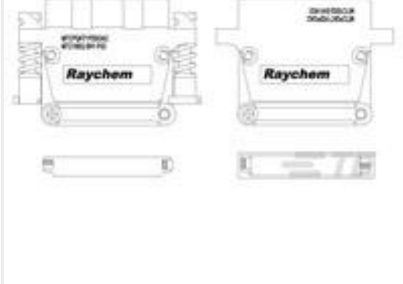
TE Model / Part #6646147-1
CONNECTOR, SOCKET, DOMINO



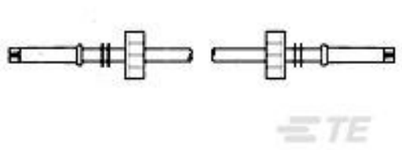
TE Model / Part #580522-000
322A112-100-0



TE Model / Part #
YACT26MC04PNV00100
STRAIGHT PLUG




TE Model / Part #F80065-000
MTCPQKT2P22PFAB



TE Model / Part #2-846291-0
LGH-4 DBL MOLDED END LEAD



TE Model / Part #5-641218-4
24P MTA156 CONN ASSY 20AWG LF



TE Model / Part #YDTS20W09-35HAV001
RECP ASSY



TE Model / Part #A70216-000
TXR24AU00-0804BI



TE Model / Part #727591-000
TXR78AB00-1204AI



TE Model / Part #371253-000
TXR78AB00-2010AI

## Documents

### Product Drawings

20DF COSI PIN

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166997-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166997-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166997-2_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English