

166995-2 ✓ ACTIVE

## AMPLIMITE

TE Internal #: 166995-2

D-Sub Connector Contacts, Pin, Contact Size Size 20, Brass, Gold, Crimp, 32 – 28 AWG Wire Size, .032 – .09 mm<sup>2</sup> Wire Size, Wire & Cable, 1.2 A, Signal

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: Pin

Contact Size: Size 20

Contact Base Material: Brass

Contact Mating Area Plating Material: Gold

Termination Method to Wire & Cable: Crimp

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(50\)](#)

## Features

### Product Type Features

Connector & Contact Terminates To	Wire & Cable
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### Contact Features

Mating Pin Diameter	1 mm
Contact Mating Area Plating Material Thickness	.8 µm
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Pin
Contact Size	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 &amp; Cable

Crimp

**Mechanical Attachment**

Contact Retention Type Within Housing

Snap-In

Wire Insulation Support

With

**Dimensions**

Insulation Diameter (Max)

1.02 mm

Compatible Insulation Diameter Range

.5 – 1.02 mm [.02 – .04 in]

Wire Size

.032 – .09 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

**Operation/Application**

Circuit Application

Signal

**Identification Marking**

Contact Color Code

Black

**Packaging Features**

Packaging Quantity

12500

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: JUNE 2023  
(235)Candidate List Declared Against: JUNE  
2023 (235)

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 # 91285-1  
INSERT/EXTRACT TOOL ASSEMBLY



TE Part # 2-2837676-2  
OCEAN-2.0-APPLICATOR-S-033F0500



TE Part # 2837676-2  
OCEAN-2.0-APPLICATOR-S-033F0500



TE Part # 7-2837676-2  
OCEAN-2.0-APPLICATOR-S-033F0500



TE Part # 7-2837676-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-033F0500

## Customers Also Bought



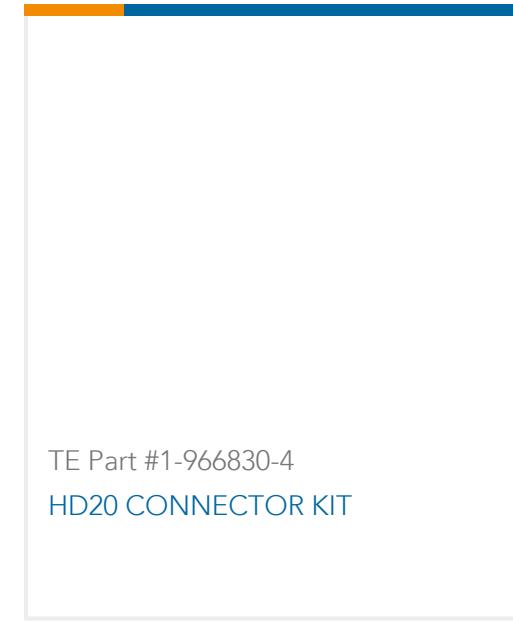
TE Part #5068074011  
CGPT1 Heat shrink Tubing



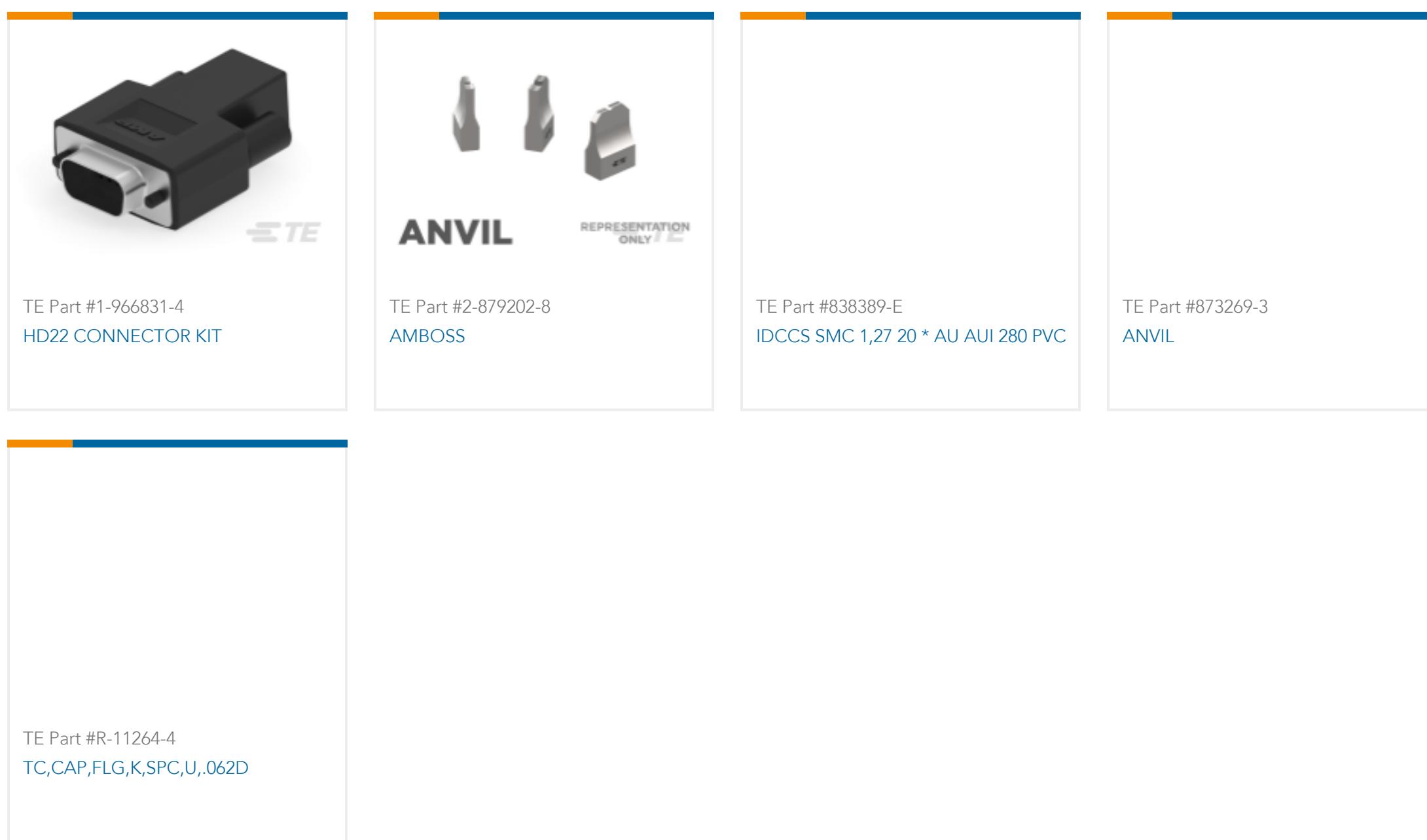
TE Part #6016734001  
CGPT-6/2-2-SP



TE Part #969047-3  
MODU CRIMP CONTACT



TE Part #1-966830-4  
HD20 CONNECTOR KIT



## Documents

### Product Drawings

#### 20DP CRIMP PIN

English

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_166995-2\\_V.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_166995-2\\_V.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_166995-2\\_V.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