# T2020012005-000 ✔ ACTIVE

HDC | HDC HDD

TE Internal #: T2020012005-000

Gold (Au), Socket Contact, 20 AWG, .5 mm² Wire, Discrete Wire, Crimp, Brass, Power & Signal, HDC HDD

View on TE.com >

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**

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

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

Compatible With Wire & Cable Type: **Discrete Wire**

Wire Size: **20 AWG**

## Features

### Product Type Features

| | |
|---|---|
| Discrete Wire Type | Solid or Stranded |
| Sealable | No |

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | Discrete Wire |

### Electrical Characteristics

| | |
|---|---|
| Contact Resistance | 5 mΩ |

### Contact Features

| | |
|---|---|
| Contact Shape & Form | Round |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold (Au) |
| Wire Contact Termination Area Plating Material | Gold |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 10 A |
| Contact Mating Area Plating Material Finish | Bright |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

## Dimensions

| | |
|---|---|
| Wire Size | .5 mm² |

## Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |
| Circuit Application | Power & Signal |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.7% in 74018819)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed 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

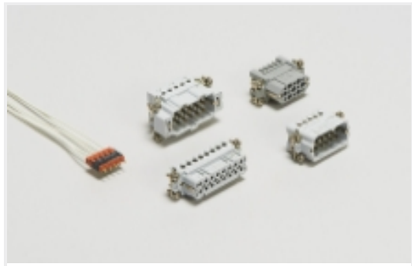
TE Part # T2020642201-000
HD-064-F

TE Part # T2020011005-000
DDM-0.5

## Also in the Series | HDC HDD

Connector Contacts(24)

Power Contacts(24)

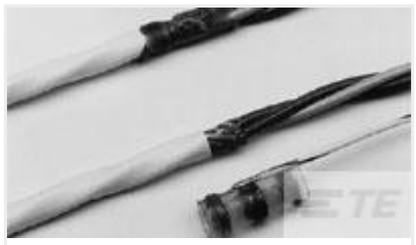


Rectangular Contact Inserts(15)

## Customers Also Bought

TE Part #0460-202-16141
PIN, SOLID, SIZE 16, 16-20AWG, NI

TE Part #T2030012040-000
DEF-4.0



TE Part #C20235-000
B-155-09

TE Part #167292-1
09P.HDP20 PLUG ASSY

TE Part #167293-1
15P.HDP20 PLUG ASSY

TE Part #213283-2
HARDWARE KIT,DRAWER CONN

TE Part #1473005-1
SEMI HARD TRAY DDR SOCKET 200P

## Documents

### Product Drawings

DDF-0.5

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T2020012005-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T2020012005-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T2020012005-000_A.3d_stp.zip

English



## Datasheets & Catalog Pages

### Heavy Duty Connectors

English

### HEAVY DUTY CONNECTORS

English

### HEAVY DUTY CONNECTORS

Japanese

## Product Specifications

### Application Specification

English