

Connectors &gt; Rectangular Connectors &gt; Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Gold**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
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

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

### Electrical Characteristics

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

### Contact Features

Contact Shape & Form	Round
Contact Mating Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Base Material	Brass

Contact Current Rating (Max)

10 A

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

**Dimensions**

Wire Size

.5 mm<sup>2</sup>**Operation/Application**

Compatible With Wire Base Material

Copper

Circuit Application

Power &amp; Signal

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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

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)SVHC > Threshold:  
Pb (3.7% in Component Part)**Article Safe Usage Statements:**

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, I < 900 ppm per  
homogenous material. Also BFR/CFR/PVC  
Free

Solder Process Capability

Not reviewed for solder process capability

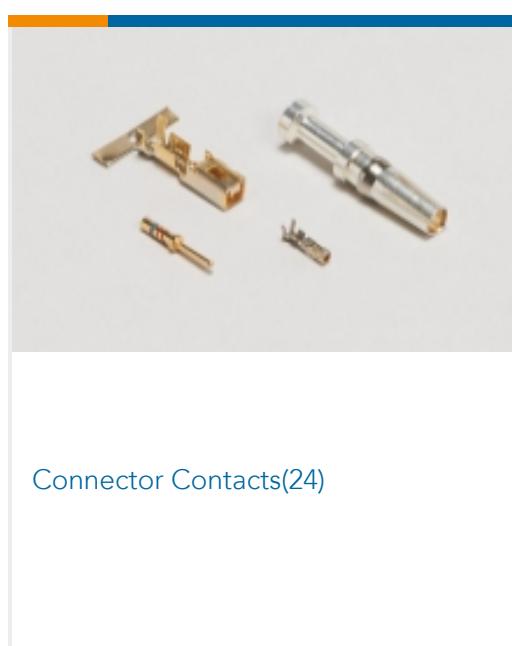
**Product Compliance Disclaimer**

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>

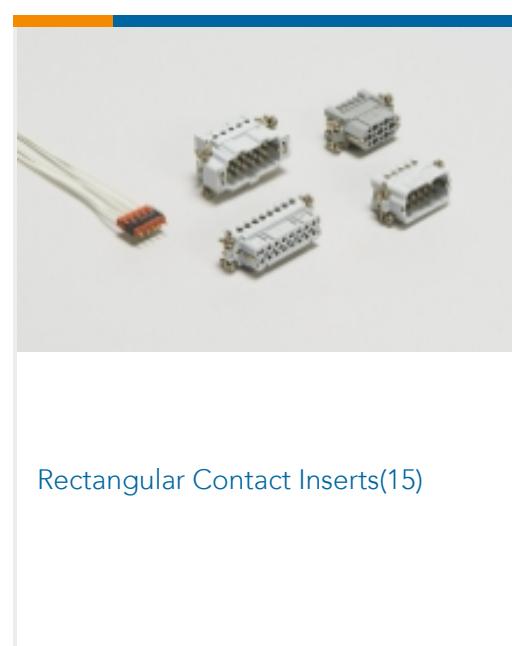
## Compatible Parts

TE Part # T2020642201-000  
HD-064-FTE Part # T2020011005-000  
DDM-0.5

## Also in the Series | [HDC HDD](#)



Connector Contacts(24)



Rectangular Contact Inserts(15)

## Customers Also Bought

TE Part #5747840-6  
HD-20 PLUG RA .318 FMS BD-LK STE Part #T2010042201-000  
HA-004-FTE Part #T1619030111-000  
H3A-MAGSV-PG11TE Part #T1912060120-009  
H6BPR-TSHC-M20-EMC-CTE Part #T2020011010-000  
DDM-1.0TE Part #T2020011025-000  
DDM-2.5TE Part #T2020012025-000  
DDF-2.5TE Part #T2030162101-000  
HDD-016-M

## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****Heavy Duty Connectors**

English

**HEAVY DUTY CONNECTORS**

English

**Product Specifications****Application Specification**

English

**Product Environmental Compliance****Product Compliance**

English

**Product Compliance**

English