



HDC | HDC HD

TE Internal #: 2316663-2

Connector Contacts, Tab, Gold, Nickel, 250 VAC / 600 VAC, 600 VDC / 250 VDC, Spring Contact Retention, Discrete Wire, 28 – 22 AWG Wire Size, HDC HD

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Tab**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **250 VDC, 600 VDC**

**Features**

**Product Type Features**

Discrete Wire Type	Stranded
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
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**Electrical Characteristics**

Operating Voltage	250 VDC, 600 VDC
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**Contact Features**

Contact Underplating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
Contact Mating Area Plating Material Thickness	.38 $\mu$ m[15 $\mu$ in]
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Tab
Contact Mating Area Plating Material	Gold



Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Spring
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### Dimensions

Compatible Insulation Diameter Range	1.08 – 1.6 mm [.043 – .063 in]
Wire Size	28 – 22 AWG

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power, Signal
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### Identification Marking

Wire Range Mark	M
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## 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 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 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 # 2151082-1  
OCEAN\_2.0\_APPLICATOR-S-046F057F



TE Part # 2151082-2  
OCEAN\_2.0\_APPLICATOR-S-046F057FA



TE Part # 7-2151082-1  
OCEAN\_2.0\_APPLICATOR-S-046F057F



TE Part # 7-2151082-2  
OCEAN\_2.0\_APPLICATOR-S-046F057FA




**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151082-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-046F057F




TE Part # 2-2151082-1  
OCEAN\_2.0\_APPLICATOR-S-046F057F


## Also in the Series | HDC HD



Connector Contacts(24)



Insertion & Extraction Tools(5)



Rectangular Contact Inserts(43)

## Customers Also Bought



## Documents

### Product Drawings

#### HD1 TAB CONTACT AU0.38 M SIZE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2316663-2\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2316663-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2316663-2\\_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

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### Product Specifications

#### HD1 contacts

English

#### Product Specification

English

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English