



HDC | HDC HD

TE Internal #: 2316663-4

Connector Contacts, Tab, Gold, Nickel, 250 VAC / 600 VAC, 250 VDC / 600 VDC, Spring Contact Retention, Wire-to-Wire, Discrete Wire, 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

Barrel Type	Open Barrel
Discrete Wire Type	Stranded
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
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

Underplate Material Thickness	1.27 μm [50 μin]
Contact Mating Area Plating Thickness	.38 μm [15 μin]
Contact Underplating Material	Nickel



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)	5 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

Accepts Wire Insulation Diameter Range	1.4 – 2.2 mm [.055 – .087 in]
Wire Size	22 – 18 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	2L
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 2151083-1
OCEAN_2.0_APPLICATOR-S-055F070F



TE Part # 2151083-2
OCEAN_2.0_APPLICATOR-S-055F070FA



TE Part # 2-2151083-1
OCEAN_2.0_APPLICATOR-S-055F070FA



TE Part # 2316315-2
HMN-HD1-24-M



TE Part # 7-2151083-1
OCEAN_2.0_APPLICATOR-S-055F070F




TE Part # 7-2151083-2
OCEAN_2.0_APPLICATOR-S-055F070FA




TE Part # 7-2151083-7
OCEAN_2.0_SPARE_PART_KIT-055F070F


Also in the Series | HDC HD



Connector Contacts(24)



Insertion & Extraction Tools(5)



Rectangular Contact Inserts(44)

Customers Also Bought



Documents

Product Drawings

HD1 TAB CONTACT AU0.38 2L SIZE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2316663-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2316663-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2316663-4_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



HEAVY DUTY CONNECTORS

English

[HDC Dynamic Connector](#)

[HDC Dynamic Connector](#)

Japanese

[HDC Dynamic Connector](#)

English

Product Specifications

[HD1 contacts](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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