

HD10-5-16P

✓ ACTIVE

DEUTSCH | DEUTSCH HD10, DEUTSCH HD

TE Internal #: HD10-5-16P

5 Position Housing, Housing for Male Terminals, Wire-to-Panel, Sealable, Gray, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD10 Housings



Number of Positions: 5  
Connector & Housing Type: **Housing for Male Terminals**  
Mating Pin Diameter: 1.6 mm [ .063 in ]  
Connector System: **Wire-to-Panel**  
Sealable: **Yes**

[All DEUTSCH HD10 Housings \(53\)](#)

Features

Housing Features

Housing Material	PA GF
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Industry Standards

IP Rating	IP6K9K, IP68
UL Flammability Rating	20mm Flame Test per Standard UL-94

Dimensions

Compatible Insulation Diameter Range	2.5 – 3.8 mm[.1 – .15 in]
Product Width	32.3 mm[1.27 in]
Product Length	32.3 mm[1.27 in]
Connector Height	41.6 mm[1.64 in]

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Rib



Mating Alignment	With
Connector Mounting Type	Panel Mount
Other	
Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Gray
Contact Features	
Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A
Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Blank Cavity Position	0
Connector Modification	Non-Threaded Rear
Number of Positions	5
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]



Operating Temperature Range

-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <b>Article Safe Usage Statements:</b> 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 0411-291-1405  
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # HD10-5BT  
BOOT, 5P, PLG/REC, ST, GRY



TE Part # CAT-H3910-RC1748  
Receptacle Dust Caps — DEUTSCH HD10



TE Part # CAT-D48-SFT273  
DEUTSCH Stamped and Formed Contacts



TE Part # HD10-5-GKT  
GASKET, 5SZ, BLK, HD10



TE Part # 0411-204-1605  
EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # 2300908-1  
0460-003-16329, PIN, SOLID, 20-24AWG, AU



TE Part # HDC14-3  
DUST CAP



TE Part # HD16-5-16S  
PLG, 5P, GRY, N, 16




TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts




TE Part # HD10-5BT-BK  
BOOT, 5P, PLG/REC, ST, BLK


Also in the Series | **DEUTSCH HD**




Automotive Connector Caps & Covers (17)



Automotive Housings(53)



Connector Strain Relief(5)



Other Automotive Connector Accessories(12)

Also in the Series | **DEUTSCH HD10**





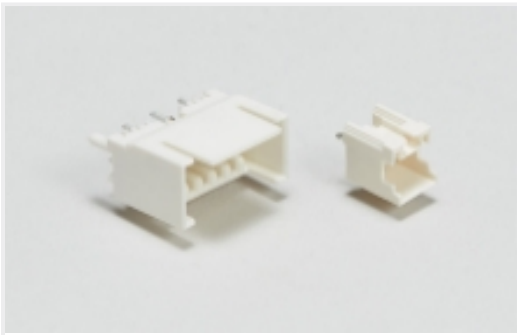
Automotive Connector Caps & Covers (17)



Automotive Headers(1)



Automotive Housings(53)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #CAT-H3910-B128  
DEUTSCH HD10 Backshells



TE Part #CAT-H3910-RC1748  
Receptacle Dust Caps — DEUTSCH HD10



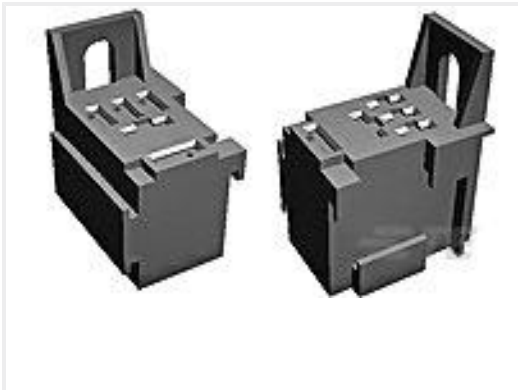
TE Part #HDC14-6  
DUST CAP, 6P, PLG, GRY, HD10



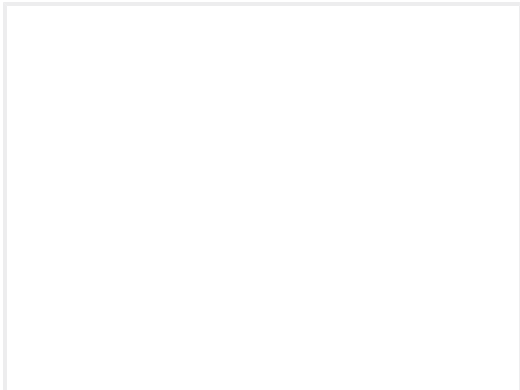
TE Part #CAT-H3910-CH8172  
DEUTSCH HD10 Housings



TE Part #2325349-2  
Power Versa-Lock REAR SEAL, 1X2, LargeID



TE Part #3-1393310-8  
VCFM-1002=SOCKET,VCFM,5,PC,PLA-



TE Part #4-1608065-2  
187-32B200=R3388

Documents

Product Drawings

REC, 5P, GRY, N, FLANGE, 16

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_HD10-5-16P\_99\_c-hd10-5-16p-99.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD10-5-16P\_99\_c-hd10-5-16p-99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD10-5-16P\_99\_c-hd10-5-16p-99.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



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Datasheets & Catalog Pages

DEUTSCH HD10 CONNECTOR SERIES

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

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Product Specifications

Engineering Report

English

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Agency Approvals

UL Report

English