

HD14-9-1939P-P080 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD10

TE Internal #: HD14-9-1939P-P080

Housing for Male Terminals, Wire-to-Wire, 9 Position, Sealable, Green, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD10 Housings



Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: **1.59 mm [.063 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **9**

Sealable: **Yes**

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

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	J1939 Type II
Number of Positions	9

Electrical Characteristics



Operating Voltage	250 VAC
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Nominal Voltage Architecture	12 V, 24 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Green
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Contact Features

Contact Size	Size 16
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Contact Type	Pin
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Mating Pin Diameter	1.59 mm[.063 in]
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Contact Current Rating (Max)	13 A
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Mechanical Attachment

Terminal Position Assurance	No
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Strain Relief	Add By Accessory
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Mating Alignment Type	Polarization Slot
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	32.49 mm[1.279 in]
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Product Width	32.49 mm[1.279 in]
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Product Length	42.18 mm[1.66 in]
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Accepts Insulation Diameter Range	2.54 – 3.81 mm[.1 – .15 in]
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Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
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Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP68, IP6K9K
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UL Flammability Rating	UL 94V-1
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Packaging Features



Packaging Quantity	250
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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 # CAT-H3910-B128
DEUTSCH HD10 Backshells




TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN



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



TE Part # HD10-9BT-BK
BOOT, 9P, PLG/REC, ST, BLK




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




TE Part # HD10-9BT
BOOT, 9P, PLG/REC, ST, GRY



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



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




TE Part # HD10-9BT-BK-430
BOOT, 9P, PLG/REC, ST, BLK

Also in the Series | **DEUTSCH HD**




Automotive Connector Caps & Covers (65)



Automotive Housings(741)



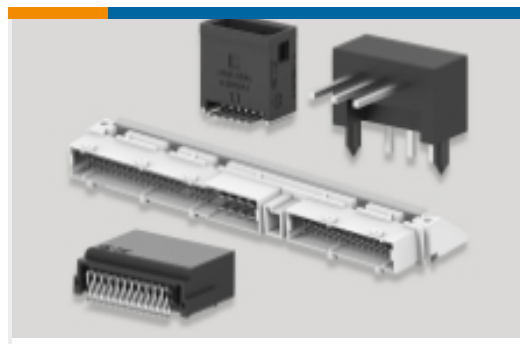
Automotive Seals & Cavity Plugs(10)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

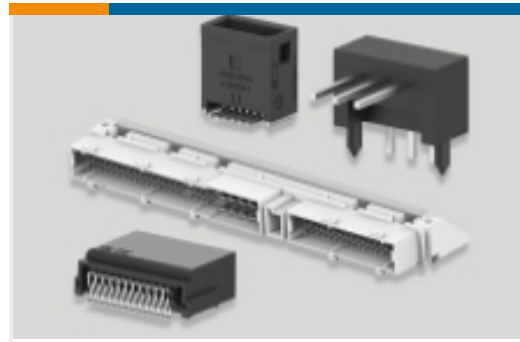
Also in the Series | DEUTSCH HD10



Automotive Connector Caps & Covers (34)



Automotive Housings(53)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #M902-2191
BKSHL, 9SZ, CBL SZ .187-.300, HD10



TE Part #2-1703639-1
12POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #WM-2S
WEDGE LOCK, 2P, PLG, ORG, DTM



TE Part #DTP4S-BT-EN
BOOT, 4P, PLG, ST, LONG, GRY



TE Part #DT04-3P-P006
REC, 3P, GRY, 120 OHM RESISTOR



TE Part #0460-202-1631
PIN, SOLID, SIZE 16, 16-20AWG, AU



TE Part #927775-3
JPT REC 2.8 Contact SRC Sn



TE Part #2151372-1
OCEAN-2.0-APPLICATOR-S-070F1300



TE Part #DT48S-BT
BOOT, 48P, PLG, ST, GRY



Documents

Product Drawings

[RECP ASM](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_HD14-9-1939P-P080_99.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HD14-9-1939P-P080_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD14-9-1939P-P080_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English