

HD10-9-1939PE-BP03

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD10

TE Internal #: HD10-9-1939PE-BP03

Housing for Male Terminals, Wire-to-Wire, 9 Position, Sealable, Green, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD10 Housings



Connector System: **Wire-to-Wire**
Number of Positions: **9**
Connector & Housing Type: **Housing for Male Terminals**
Sealable: **Yes**
Mating Pin Diameter: **1.59 mm [.063 in]**

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features



Cable Exit Angle	180°
Primary Product Color	Green

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	41.28 mm[1.625 in]
Product Width	44.45 mm[1.75 in]
Product Length	42.18 mm[1.66 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

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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Industry Standards

Degree of Protection	IP68, IP6K9K
UL Flammability Rating	20mm Flame Test per Standard UL-94

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: 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) Article Safe Usage Statements: 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>

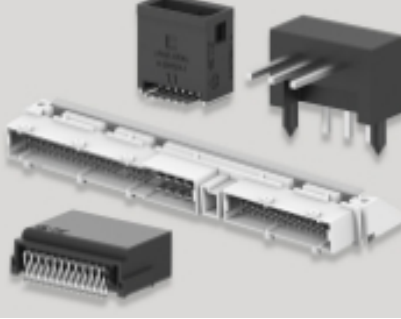
Compatible Parts



 TE Part # CAT-H3910-RC1748 Receptacle Dust Caps — DEUTSCH HD10	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	 TE Part # HDC14-3 DUST CAP	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts
 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU	 TE Part # HD10-9BT BOOT, 9P, PLG/REC, ST, GRY
 TE Part # HD10-9BT-BK BOOT, 9P, PLG/REC, ST, BLK	 TE Part # 0411-336-1605 EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU	 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 (32)	 Automotive Housings(768)	 Connector Backshells(29)	 Connector Seals & Cavity Plugs(10)
 Connector Strain Relief(5)	 Insertion & Extraction Tools(11)	 Other Automotive Connector Accessories(11)	 PCB Headers & Receptacles(1)

Also in the Series

DEUTSCH HD10



Automotive Connector Caps & Covers (17)

Automotive Housings(53)

Connector Backshells(17)

PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #HDP26-24-16SE-L017
DEUTSCH HDP20 Housings

TE Part #796273-1
SLD CPC RCPT ASSY,17-14,REV SX

TE Part #DTCE04-1-4P-E003
DTCE RECP ASM

TE Part #1411169-1
MARKET2X4MAL UNSEAL

TE Part #2151698-2
OCEAN_2.0_APPLICATOR-S-FA-176O-RSA

TE Part #776310-1
SECONDARY LOCK

TE Part #K1137312
Plunger Switch 44-02-024-902

TE Part #K1137313
Plunger Switch 44-02-027-902

TE Part #1326460-1
ASSY, PLUG, 3P SEALED, 2.8MCP

Documents

Product Drawings
REC, 9P, GRN,E, PANEL, J1939, TYPE 2
English

CAD Files
Customer View Model
ENG_CVM_CVM_HD10-9-1939PE-BP03_99.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_HD10-9-1939PE-BP03_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD10-9-1939PE-BP03_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