HD17-9-1939S-P080 ✔ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD10

TE Internal #: HD17-9-1939S-P080

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

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD10 Housings







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

Number of Positions: **9**

Connector & Housing Type: **Housing for Female 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 Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Contact Retainer

Configuration Features

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

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Primary Product Color	Green

Contact Features

Contact Size	Size 16
Contact Type	Socket
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	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF

Dimensions

Connector Height	40.51 mm[1.595 in]
Product Width	40.51 mm[1.595 in]
Product Length	41.55 mm[1.636 in]
Compatible Insulation Diameter Range	2.54 – 3.81 mm[.1 – .15 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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-B128
DEUTSCH HD10 Backshells



TE Part # CAT-H3910-PC1748
DEUTSCH HD10 PLUG DUST CAPS



TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



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



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 # 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)



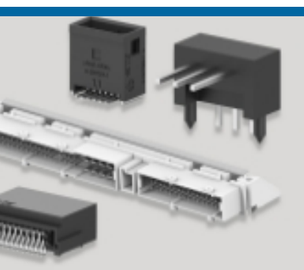
Connector Strain Relief(5)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series | DEUTSCH HD10



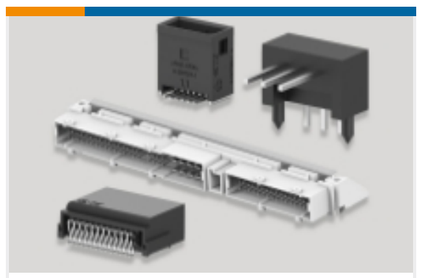
Automotive Connector Caps & Covers (17)



Automotive Housings(53)



Connector Backshells(17)



PCB Headers & Receptacles(1)

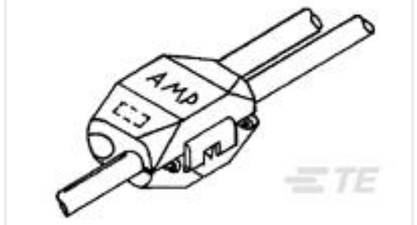
Customers Also Bought



TE Part #M902-2192
BKSHL, 9SZ, CBL SZ .300-.430, HD10



TE Part #1-1579007-2
EXTRACTION TOOL



TE Part #177766-2
ELECTRO TAP ASSY, 24 - 22



TE Part #3-640429-8
08P MTA156 CONN ASSY 24AWG WHT



TE Part #85205-1
JPT POWER TIMER 3P ASS'Y



TE Part #1599028-1
HSG ASSY 42P SOCKET CONTACT



TE Part #ANT-433-MHW-RPS-S
Antenna 433MHz Dipole MHW Short RPS



TE Part #CONREVSMA002-L
RP-SMA RA Jack 50 Ohm PCB Through Hole



TE Part #493510-1
SPACER TPA SIDE'S

Documents

Product Drawings

PLUG ASM

English

CAD Files

Customer View Model

ENG_CVM_CVM_HD17-9-1939S-P080_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD17-9-1939S-P080_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HD17-9-1939S-P080_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English