HD10-9-1939P-BP03 ✔ ACTIVE

DEUTSCH | **DEUTSCH HD**, **DEUTSCH HD10**

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

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

View on TE.com >

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
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°

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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

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	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

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Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

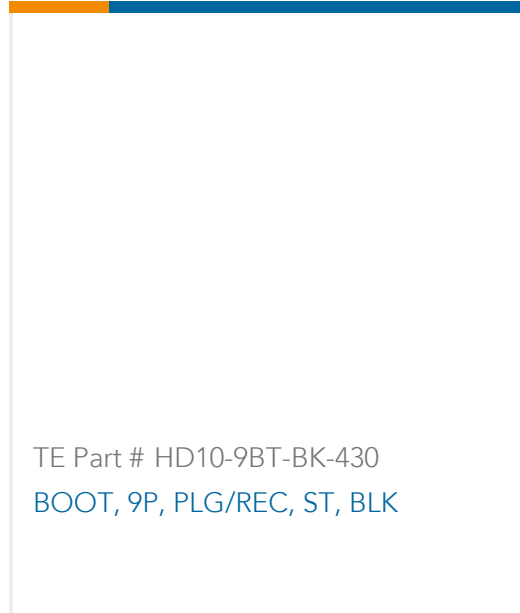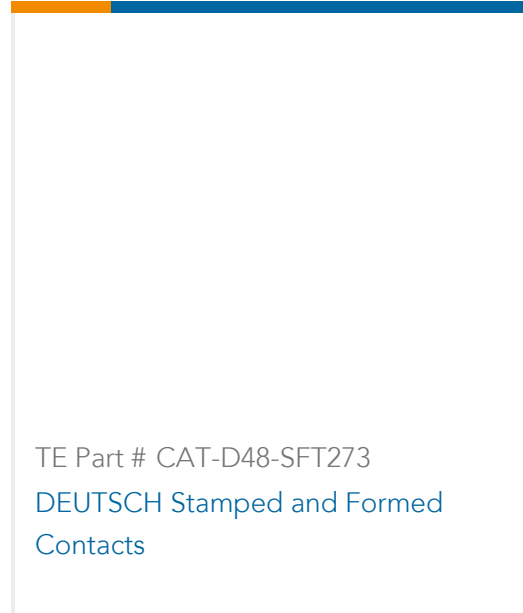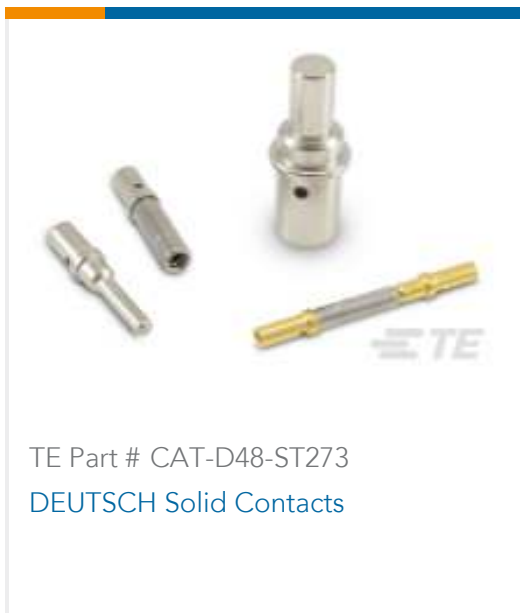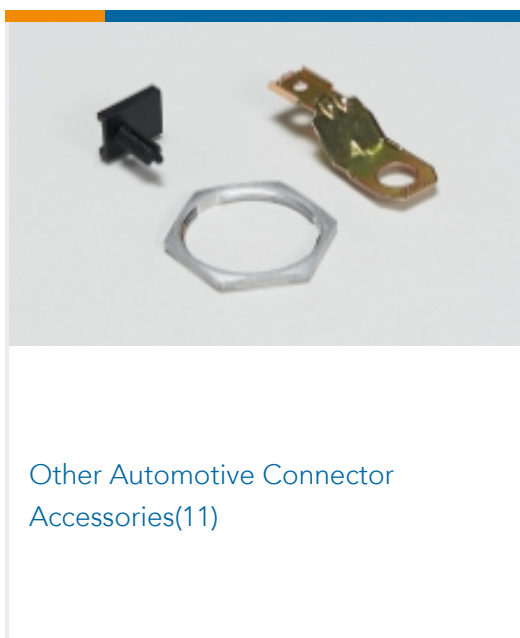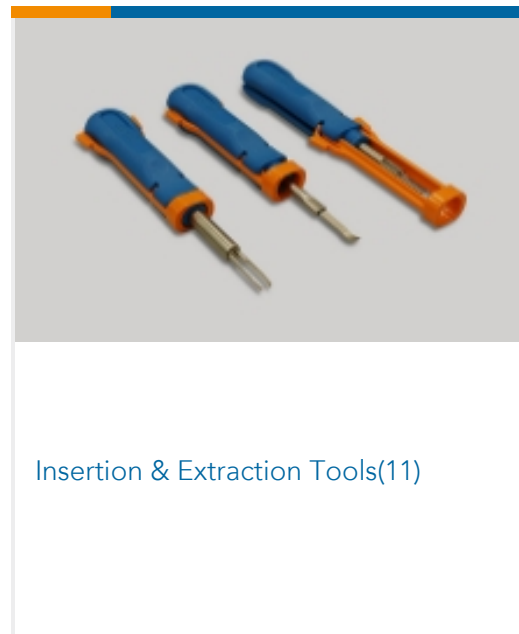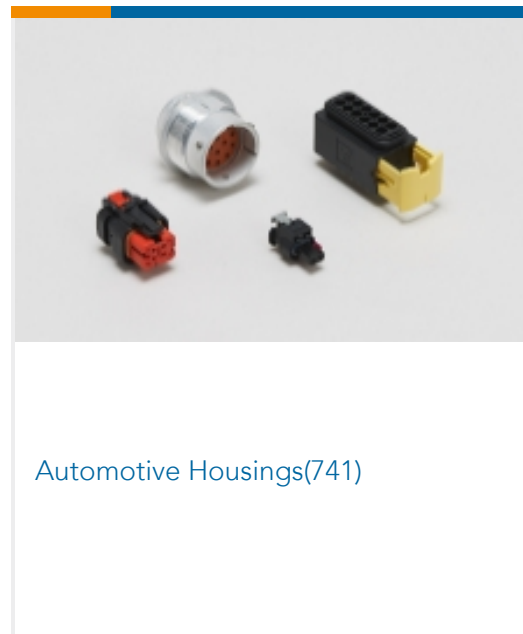| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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
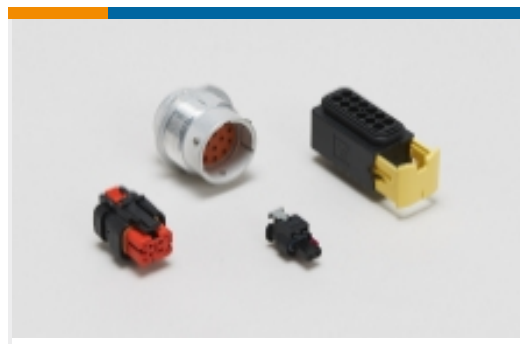
Compatible Parts

TE Part # CAT-H3910-RC1748

Receptacle Dust Caps — DEUTSCH HD10

TE Part # HDC14-3

DUST CAP

TE Part # CAT-D48-SP729

DEUTSCH Sealing Plugs

TE Part # CAT-H3910-CH8172

DEUTSCH HD10 Housings

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TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

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

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

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

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

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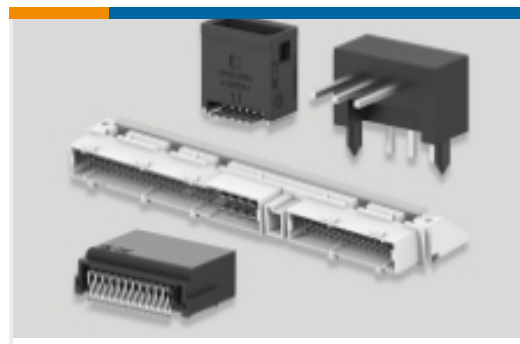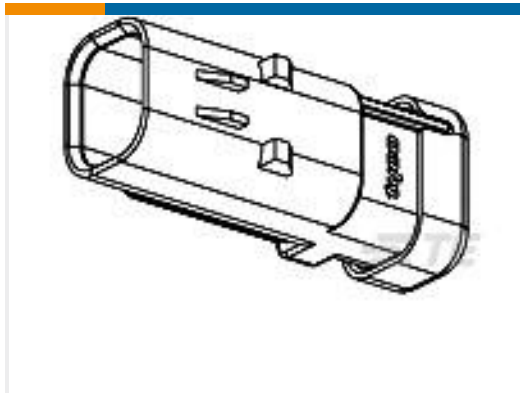
Automotive Connector Caps & Covers
(34)

Automotive Housings(53)

PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #776535-3
AS 16, 3P CAP ASSY, RD, KEY 3

TE Part #3-1534904-2
MQS, CONNECTOR HOUSING

TE Part #927771-9
TIMER, RECEPTACLE AND TAB

TE Part #42282-1
FF 250 REC 18-14AWG BR LP

TE Part #1-1703494-2
**3POS, MCON 1.2 LL TAB SEALED
COD A**

TE Part #2-1703494-2
**3POS, MCON 1.2 LL TAB SEALED
COD B**

TE Part #E05774-000
VERSAFIT-1/4-0-25MM

TE Part #3-1904131-0
V23134B4052X546-EV-CBOX

Documents

Product Drawings
RECP ASM

English

CAD Files
Customer View Model
ENG_CVM_CVM_HD10-9-1939P-BP03_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_HD10-9-1939P-BP03_99.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_HD10-9-1939P-BP03_99.3d_stp.zip

English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English