

[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: **1.6 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
Number of Positions	9

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Plastic
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Dimensions

Connector Height	42.2 mm[1.66 in]
Product Width	32.5 mm[1.28 in]
Product Length	32.5 mm[1.28 in]
Compatible Insulation Diameter Range	1.3 – 3.1 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	1
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

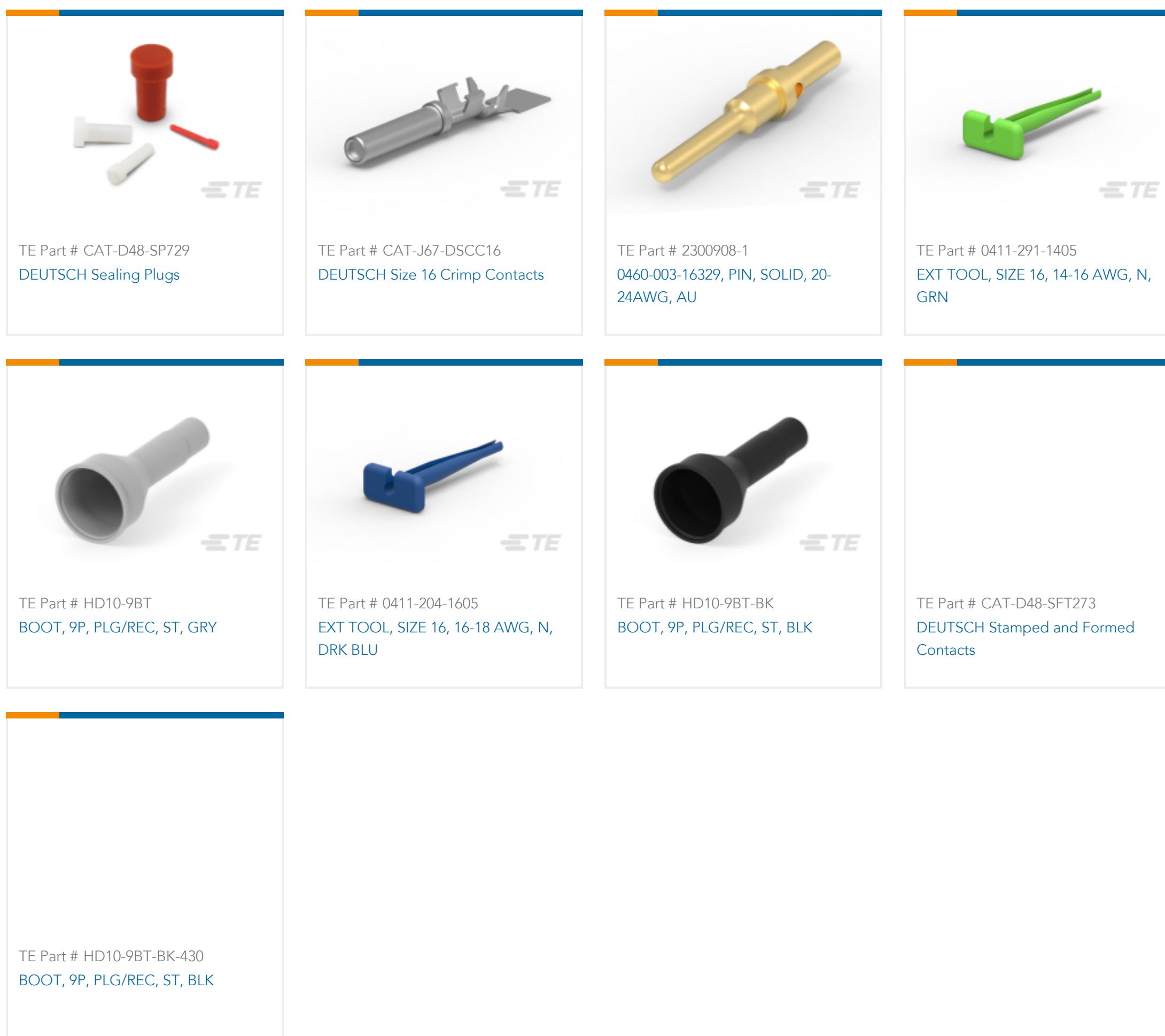
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <ul style="list-style-type: none"> Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <p>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.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

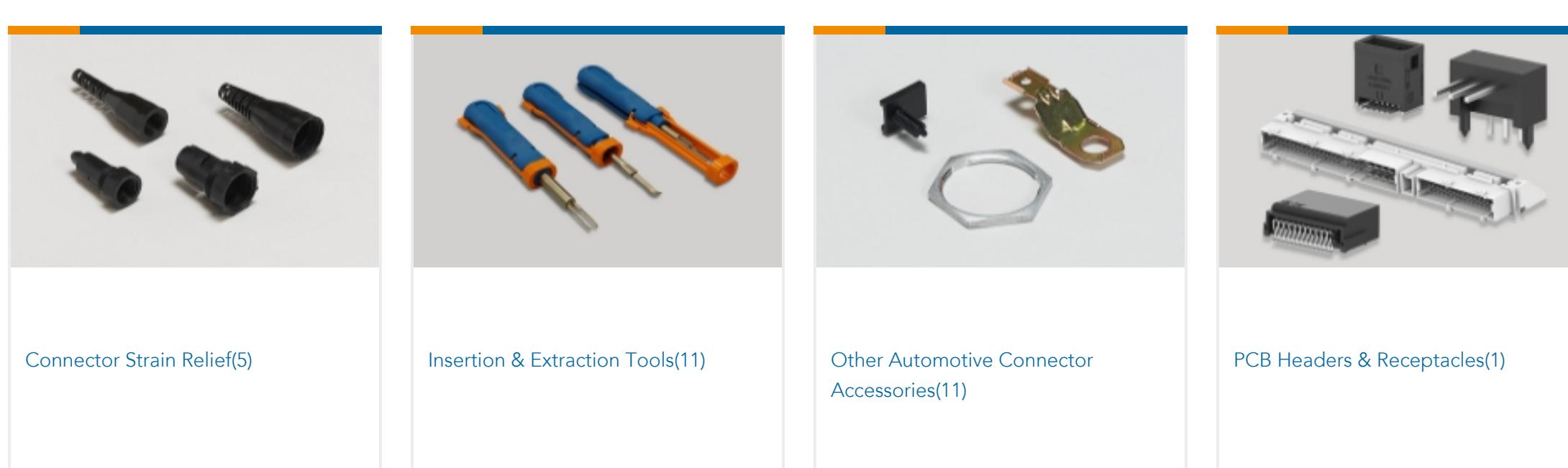
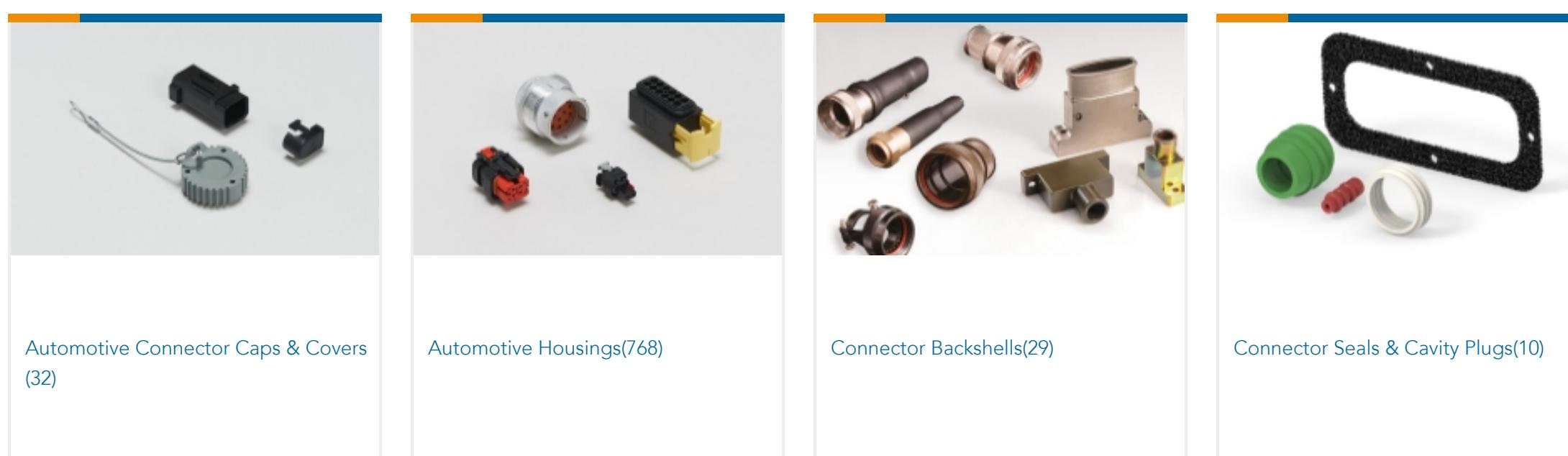
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

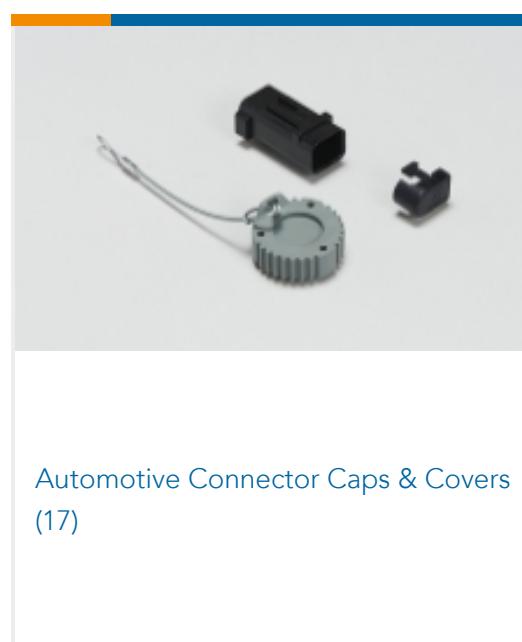
 <p>TE Part # CAT-H3910-RC1748 Receptacle Dust Caps — DEUTSCH HD10</p>	 <p>TE Part # CAT-H3910-B128 DEUTSCH HD10 Backshells</p>	 <p>TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings</p>	 <p>TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts</p>
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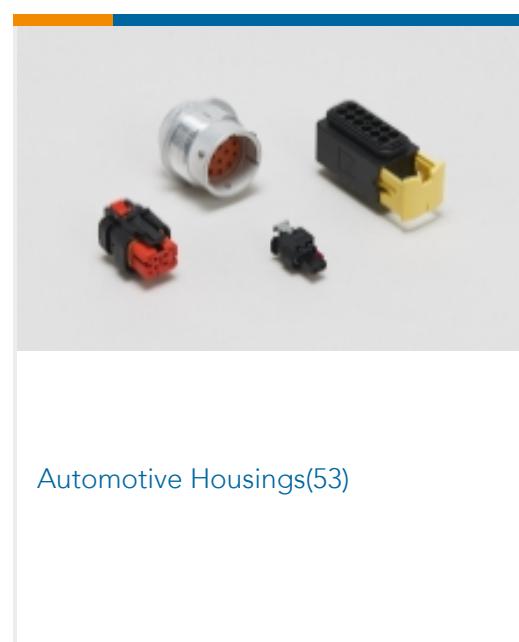
Also in the Series | DEUTSCH HD



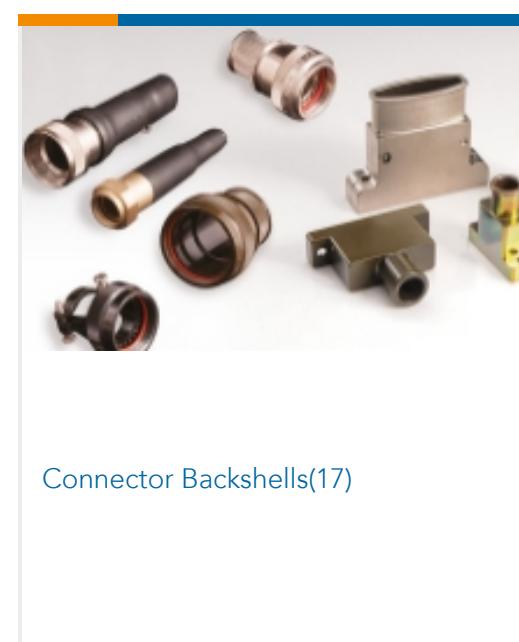
Also in the Series | DEUTSCH HD10



Automotive Connector Caps & Covers (17)



Automotive Housings(53)



Connector Backshells(17)



PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #HDP26-24-9SE-L015
DEUTSCH HDP20 HousingsTE Part #1011-242-0605
BKSHL, 6P, BLK, REC, RA, NW8.5/10/13TE Part #HC5899
BAT CONNECTOR POS8MM
AUXILLARY MNTTE Part #HC5901
BATT.POST CLAMP -VE MK.3TE Part #WHDS-24-2
STRAIN RELIEF, HD30, 24SZ, RATE Part #1-1718628-1
AMP MCP 2.8 HSG. 4POS.,ASS'YTE Part #DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, ATE Part #HC5881
BAT 1/4" UNC BOLT/WASHER ASSMBTE Part #HC5735
50MM2 NECATIVE BAT LEAD 1/4"
UNC THREAD

Documents

Product Drawings

REC, 9P, BLK, E, THRD, J1939, TYPE 1

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_HD14-9-1939PE_99_c-hd14-9-1939pe-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD14-9-1939PE_99_c-hd14-9-1939pe-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD14-9-1939PE_99_c-hd14-9-1939pe-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