



Connectors > Connector Accessories > Connector Backshells > DEUTSCH HDP20 Backshells



Connector Backshell Product Type: **Backshell**

Primary Product Material: **PA GF**

Number of Positions: **7, 9, 14, 16, 18, 19, 21, 23, 29, 31, 33, 35, 47**

Sealable: **No**

Operating Temperature Range: **-55 - 125 °C [ -67 - 257 °F ]**

[All DEUTSCH HDP20 Backshells \(10\)](#)

## Features

### Product Type Features

|                                  |           |
|----------------------------------|-----------|
| Connector Backshell Product Type | Backshell |
| Sealable                         | No        |

### Configuration Features

|                     |  |
|---------------------|--|
| Number of Positions | 7, 9, 14, 16, 18, 19, 21, 23, 29, 31, 33, 35, 47 |
|---------------------|--|

### Body Features

|                          |       |
|--------------------------|-------|
| Cable Exit Angle         | 180°  |
| Primary Product Color    | Black |
| Primary Product Material | PA GF |

### Dimensions

|                                 |                       |
|---------------------------------|-----------------------|
| Compatible Cable Diameter Range | 0 - 25.4 mm[0 - 1 in] |
|---------------------------------|-----------------------|

### Usage Conditions

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



### Industry Standards

|                        |         |
|------------------------|---------|
| IP Rating              | IP6K9K  |
| UL Flammability Rating | UL 94HB |

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 1   |
| Packaging Method   | Box |

### Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|

### 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)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not reviewed for solder process capability  |

#### Product Compliance Disclaimer

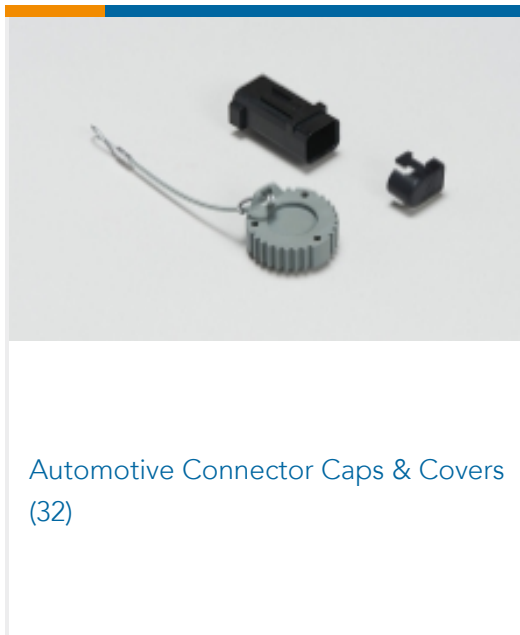
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

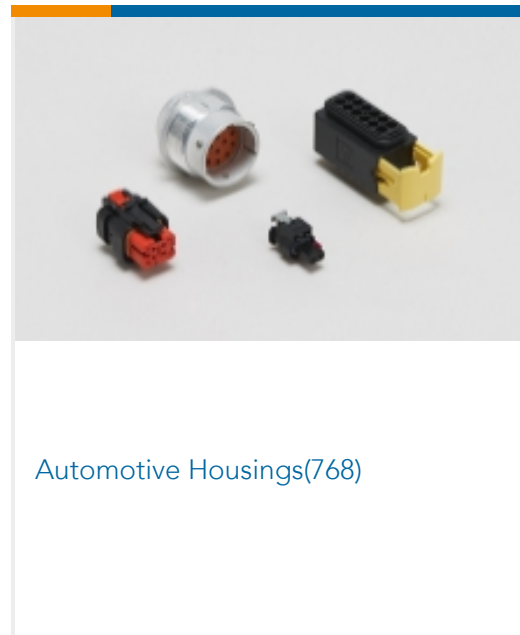


TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings

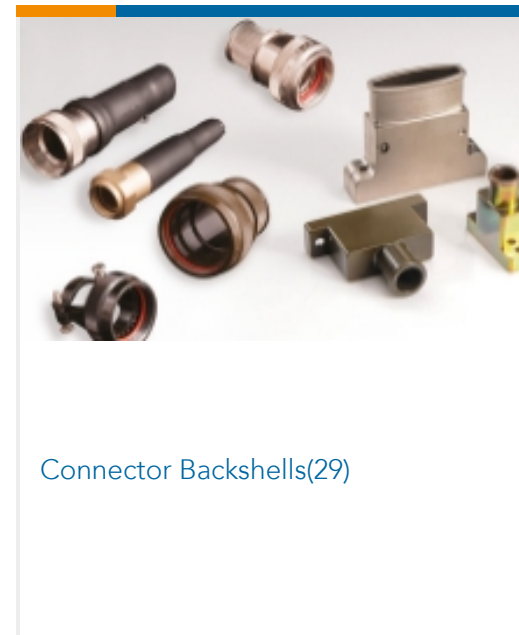
### Also in the Series | DEUTSCH HD



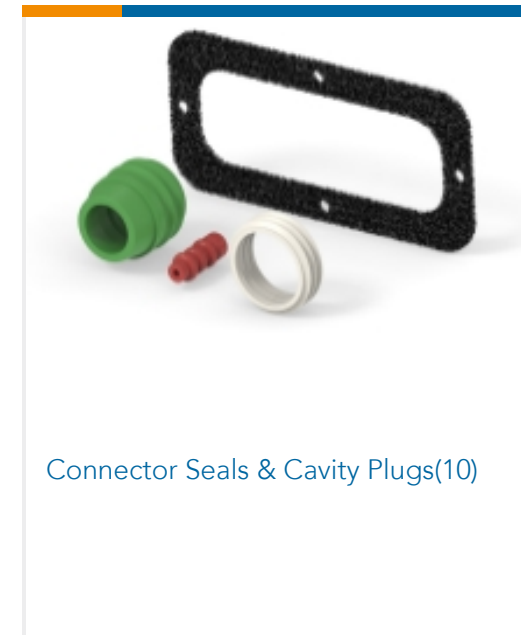
Automotive Connector Caps & Covers  
(32)



Automotive Housings(768)



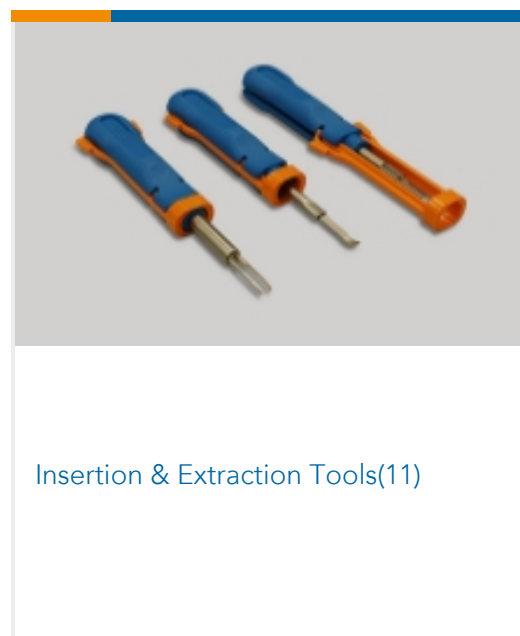
Connector Backshells(29)



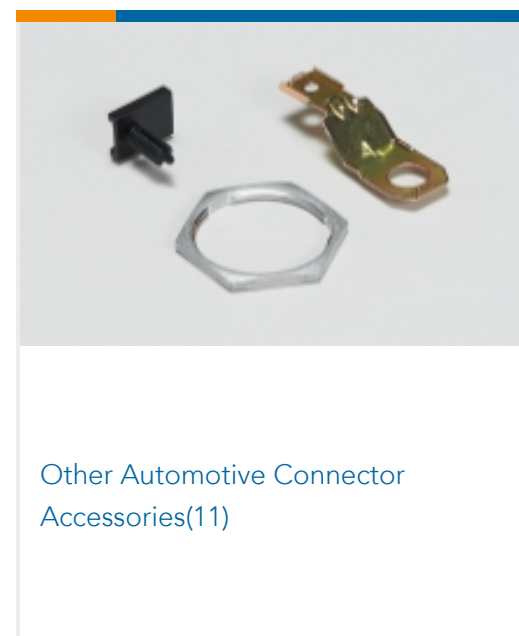
Connector Seals & Cavity Plugs(10)



Connector Strain Relief(5)



Insertion & Extraction Tools(11)

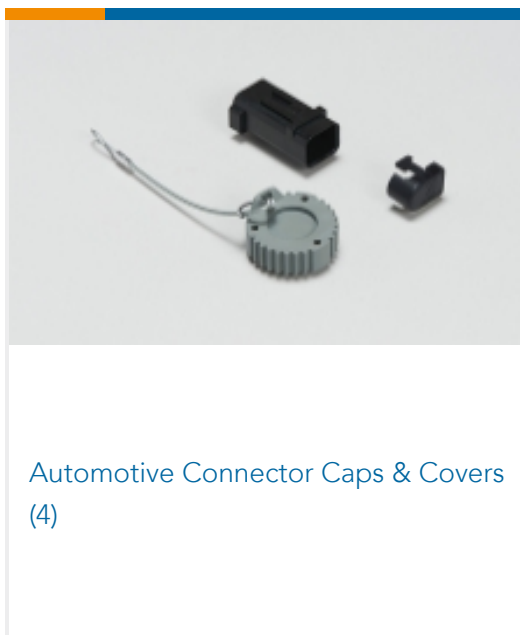


Other Automotive Connector  
Accessories(11)

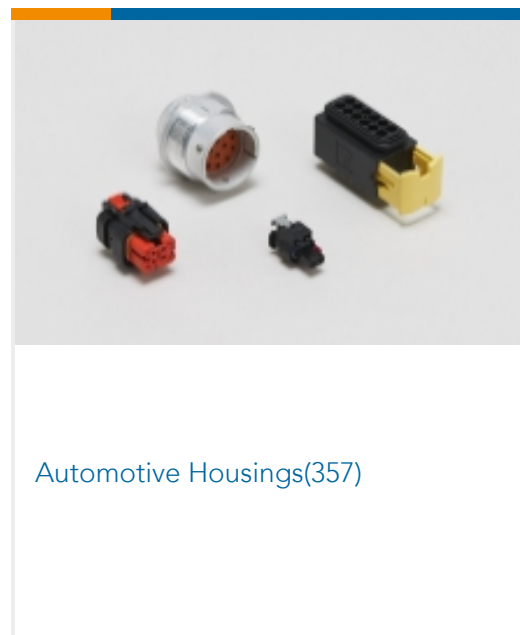


PCB Headers & Receptacles(1)

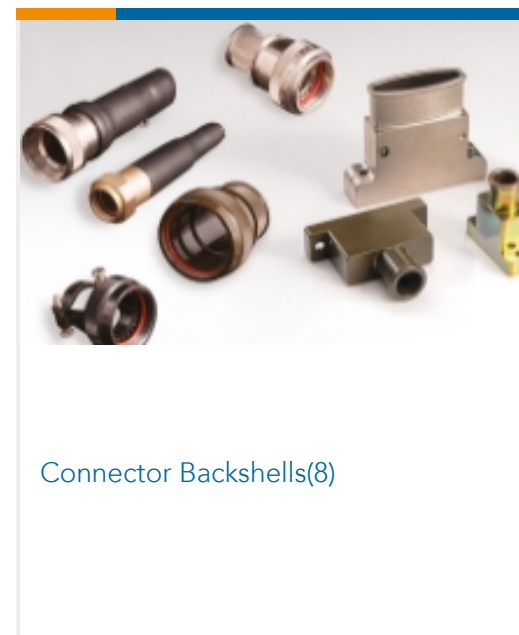
### Also in the Series | DEUTSCH HDP



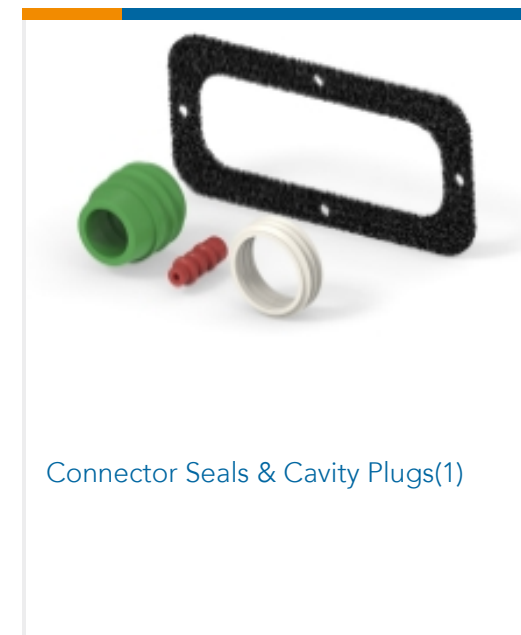
Automotive Connector Caps & Covers  
(4)



Automotive Housings(357)



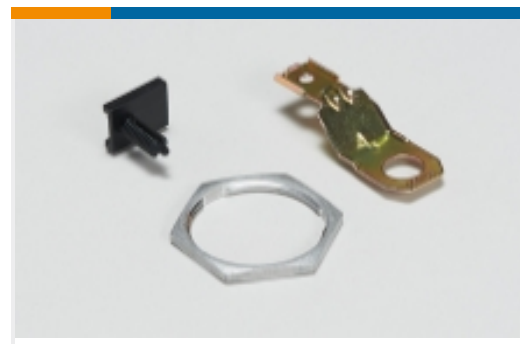
Connector Backshells(8)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(5)

## Customers Also Bought



TE Part # DT06-3S-CP01  
PLG, 3P, BLK, BLOCKED, SEAL RET



TE Part # DRC26-60S05  
PLG, 60P, BLK, N, 05



TE Part # 2411-001-2405  
PANEL NUT, SIZE 24, HDP



TE Part # DTMH06-2SA  
PLG, 2P, BLK, N, HI TEMP, A



TE Part # K1014075  
Toggle Switch 1-Pole, Sealed, Lever, Toggle



TE Part # 2141576-2  
32POS NANO MQS TL PLUG HOUSING, CODE B



TE Part # 2600035-2  
6CCT GREY PLUG W/SMALL SEAL



TE Part # DRC26-50BT  
BOOT, 50P, 20SZ, PLG/REC, ST, BLK



TE Part # DTV06-18SD  
PLG, 18P, BRN, N, D

## Documents

### Product Drawings

[BKSHL, 24SZ, BLK, ST, NW 25.4, L017, HDP](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_2428-008-2405\\_99\\_c-2428-008-2405-99.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2428-008-2405\\_99\\_c-2428-008-2405-99.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2428-008-2405\\_99\\_c-2428-008-2405-99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

**CONNECTOR SELECTOR**

English

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## Product Specifications

[Application Specification](#)

English