

# HDP26-24-33SN-L017 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: HDP26-24-33SN-L017

Housing for Female Terminals, Wire-to-Wire, 33 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: **1.02 mm [ .04 in ]**

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

Number of Positions: **33**

Sealable: **Yes**

[All DEUTSCH HDP20 Housings \(324\)](#)

## Features

### Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Female 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	Ring Adapter
Connector Seal Code	N Seal
Number of Positions	33

### Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

### Body Features



Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PA GF
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### Dimensions

Connector Height	49.53 mm[1.95 in]
Product Width	49.53 mm[1.95 in]
Product Length	42.55 mm[1.675 in]
Compatible Insulation Diameter Range	1.02 – 2.41 mm[.04 – .095 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
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### Industry Standards

Degree of Protection	IP67
UL Flammability Rating	20mm Flame Test per Standard UL-94

### Packaging Features

Packaging Quantity	200
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

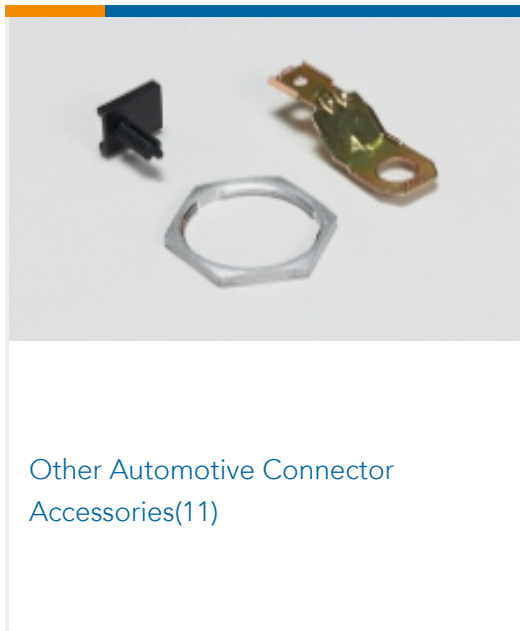
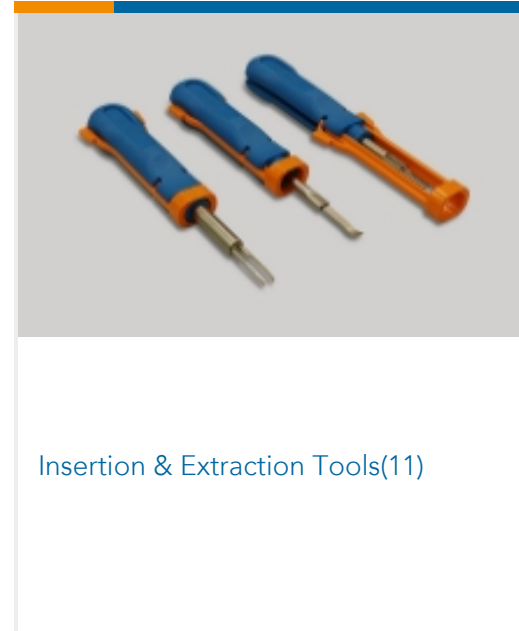
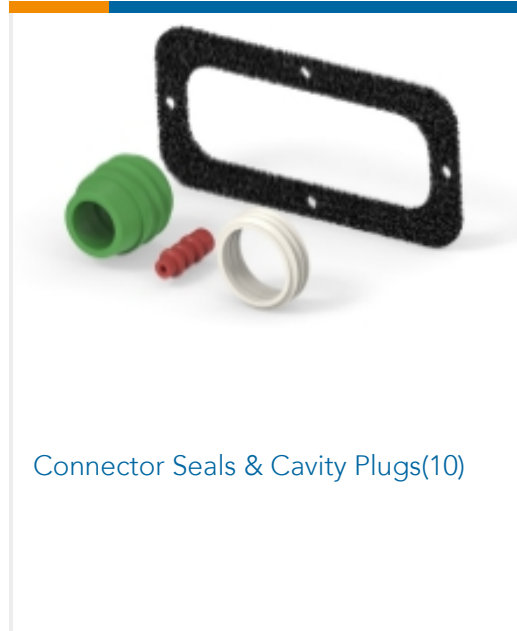
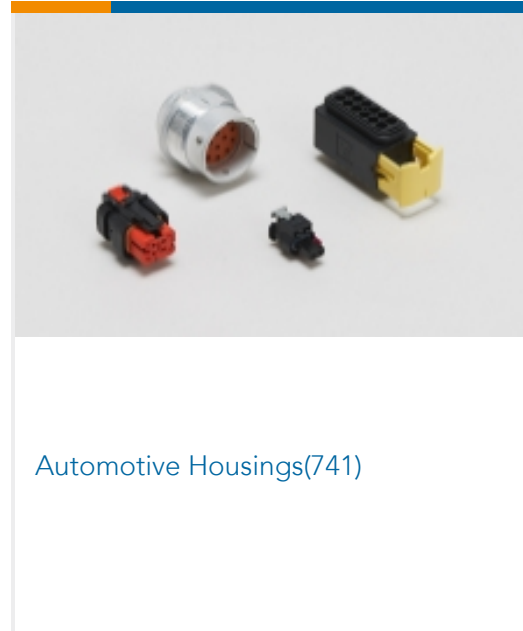
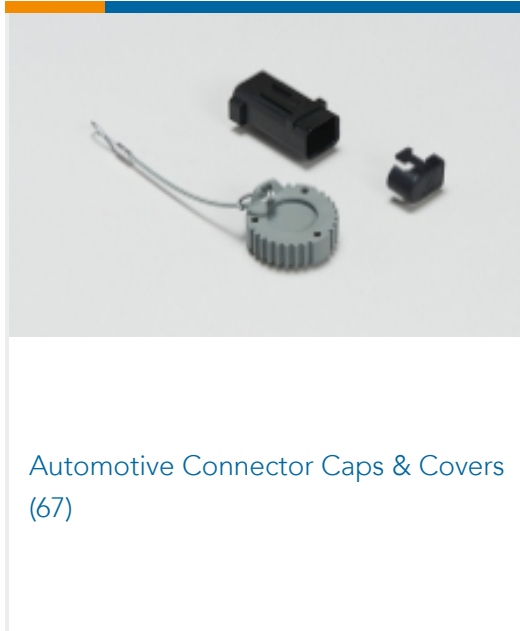
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

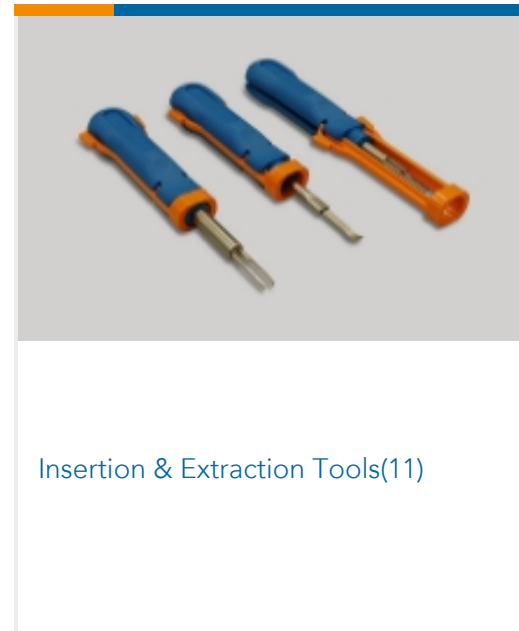
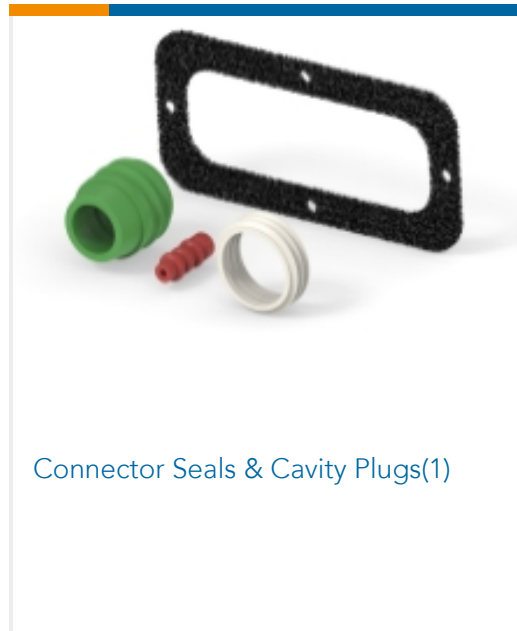
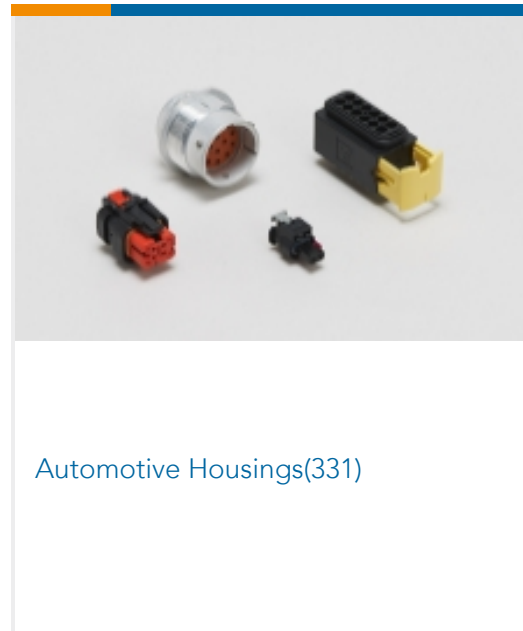
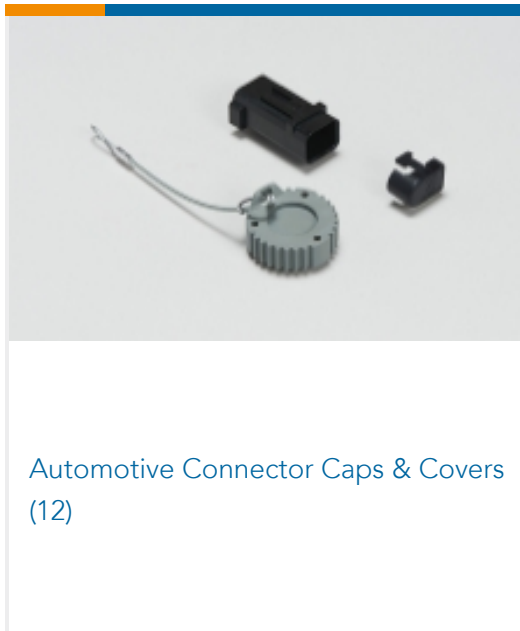




### Also in the Series | DEUTSCH HD



### Also in the Series | DEUTSCH HDP







Other Automotive Connector Accessories(5)

### Customers Also Bought



TE Part #HDP26-18-20SE-L017  
PLG, 20P, BLK, E, RNG, 16/20, S



TE Part #2428-011-2405  
BKSHL, 24SZ, BLK, RA,NW17/19/26,  
L017,HDP



TE Part #1586860-1  
06P UMNL CAP HSG, GW



TE Part #HD10-3BT  
BOOT, 3P, PLG/REC, ST, GRY



TE Part #1-1718485-3  
AMP MCP Backshells



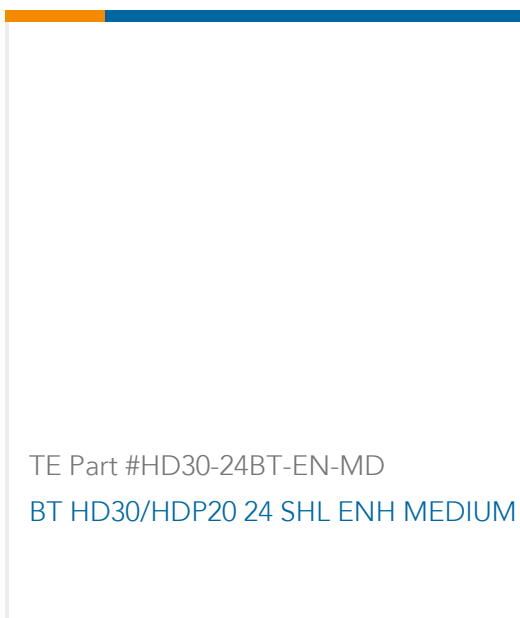
TE Part #1-967630-3  
FLACHSTE-GEH2,8 21P



TE Part #1010-002-0306  
SEAL, INTF, 3P, RED-ORG, STD, DT



TE Part #HD30-24BT-EN-LG  
BT HD30/HDP20 24 SHL ENH LARGE



TE Part #HD30-24BT-EN-MD  
BT HD30/HDP20 24 SHL ENH MEDIUM

### Documents

#### Product Drawings

PLG, 33P, BLK, N, RNG, 20, S

English

#### CAD Files

3D PDF

3D

#### Customer View Model

ENG\_CVM\_CVM\_HDP26-24-33SN-L017\_A.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_HDP26-24-33SN-L017\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_HDP26-24-33SN-L017\\_A.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English