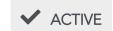
# HDP26-18-21SN ✓ ACTIVE



## DEUTSCH | DEUTSCH HDP

TE Internal #: HDP26-18-21SN

Hybrid, Housing for Female Terminals, Wire-to-Wire, 21 Position, Sealable, Black, Wire & Cable, 7.5A Contact Current Rating (Max),

Power & Signal

View on TE.com >



Connectors > Automotive Connectors > Connector 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: 21

Sealable: Yes

# All DEUTSCH HDP20 HOUSINGS (282)

## **Features**

## **Product Type Features**

Troduct Type Feduces	
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
Number of Positions	21
Electrical Characteristics	
Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V
Body Features	
Cable Exit Angle	180°
Body Material	PA GF

Black

Primary Product Color



### **Contact Features**

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	Polarized

#### **Dimensions**

Product Width	43.17 mm[1.7 in]
Product Length	38.63 mm[1.521 in]
Product Height	43.17 mm[1.7 in]
Accepts Wire 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**

#### 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 2021

(211)

Candidate List Declared Against: JAN 2020

(205)

SVHC > Threshold: Not Yet Reviewed

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-H396-CH8172 DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED
CONTACTS





TE Part # 0411-240-2005 EXT TOOL, SIZE 20, 16-22 AWG, N, RED

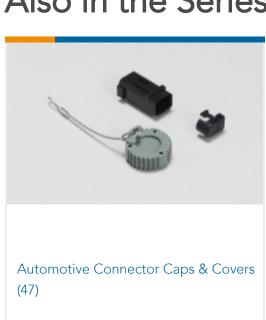


TE Part # HD30-18BT-BK
BOOT, 18SZ, ST, BLK





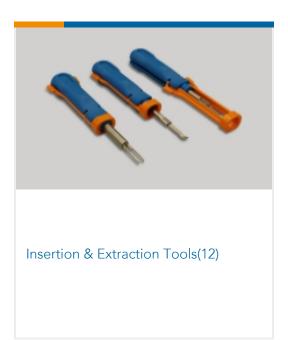
# Also in the Series | DEUTSCH HD

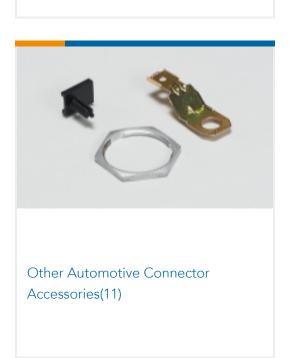




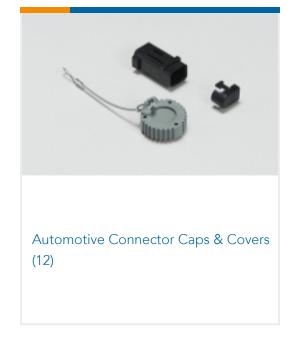


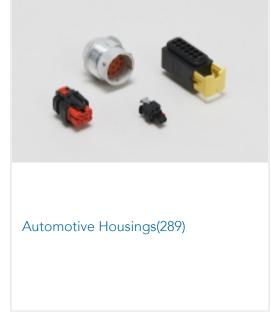
Automotive Seals & Cavity Plugs(10)

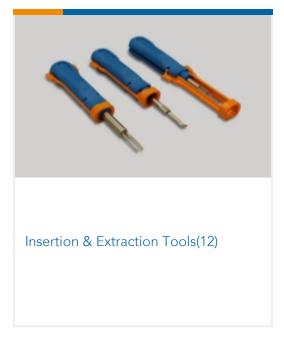


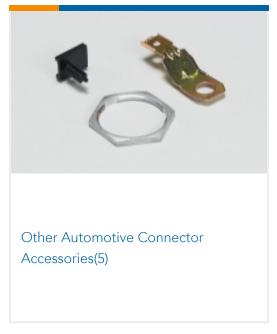


# Also in the Series | DEUTSCH HDP









Customers Also Bought

















### **Documents**

**Product Drawings** 

PLG, 21P, BLK, N, 20, S

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_HDP26-18-21SN\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_HDP26-18-21SN\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_HDP26-18-21SN\_C.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

Hybrid, Housing for Female Terminals, Wire-to-Wire, 21 Position, Sealable, Black, Wire & Cable, 7.5A Contact Current Rating (Max), Power & Signal

