

HDP26-18-21SN

✓ ACTIVE

DEUTSCH | DEUTSCH HD, 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

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
Primary Product Color	Black



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

Packaging Method	Box
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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-D48-ST273  
DEUTSCH SOLID CONTACTS




TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 HOUSINGS




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




TE Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS




TE Part # HD30-18BT  
BOOT, 18SZ, ST, GRY



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



TE Part # HD30-18BT-90-BK  
BOOT, 18SZ, RA, BLK



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



TE Part # LC-90BT-HT  
BOOT, 18SZ, RA, HI TEMP, YEL

Also in the Series | DEUTSCH HD

Automotive Connector Caps & Covers  
(47)

Automotive Housings(670)

Automotive Seals & Cavity Plugs(10)

Insertion & Extraction Tools(12)

Other Automotive Connector  
Accessories(11)

Also in the Series | DEUTSCH HDP

Automotive Connector Caps & Covers  
(12)

Automotive Housings(289)

Insertion & Extraction Tools(12)

Other Automotive Connector  
Accessories(5)

Customers Also Bought

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TE Part #DRC12-70PBE  
DEUTSCH DRC HOUSINGS

TE Part #DT04-12PA-C017  
DEUTSCH DT Series Housings & Connectors

TE Part #2292865-1  
AMPSEAL 16 BACKSHELLS

TE Part #YHDP26-24-19SEL024  
DEUTSCH HDP20 HOUSINGS

TE Part #114018-ZZ  
DEUTSCH SEALING PLUGS

TE Part #2411-002-1805  
DEUTSCH HDP20 MOUNTING HARDWARE

TE Part #C78143-000  
HM HIGH TACK METALIZED POLYESTER LABELS

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



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