

HDP26-18-20SE

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: HDP26-18-20SE

Housing for Female Terminals, Wire-to-Panel, 20 Position, Sealable, Black, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 ° F], Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Connector System: **Wire-to-Panel**  
Number of Positions: **20**  
Connector & Housing Type: **Housing for Female Terminals**  
Sealable: **Yes**  
Mating Pin Diameter: **1 mm, 1.6 mm [ .04 in, .063 in ]**

[All DEUTSCH HDP20 Housings \(357\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | Yes                          |
| Connector Shape                   | Circular                     |
| Connector System                  | Wire-to-Panel                |
| Connector & Housing Type          | Housing for Female Terminals |
| Sealable                          | Yes                          |
| Connector & Contact Terminates To | Wire & Cable                 |
| Primary Locking Feature           | Contact Retainer             |

Configuration Features

|                       |        |
|-----------------------|--------|
| Blank Cavity Position | 0      |
| Connector Seal Code   | E Seal |
| Number of Positions   | 20     |

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, Size 20              |
| Contact Type                 | Socket                        |
| Mating Pin Diameter          | 1 mm, 1.6 mm[.04 in][.063 in] |
| Contact Current Rating (Max) | 7.5 A, 13 A                   |

Mechanical Attachment

|                             |                 |
|-----------------------------|-----------------|
| Terminal Position Assurance | No              |
| Strain Relief               | Without         |
| Mating Alignment Type       | Polarizing Slot |
| Mating Alignment            | With            |
| Connector Mounting Type     | Panel Mount     |

Housing Features

|                  |          |
|------------------|----------|
| Housing Material | PA 66 GF |
|------------------|----------|

Dimensions

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| Connector Height                     | 38.6 mm[1.52 in]                                          |
| Product Width                        | 43.2 mm[1.7 in]                                           |
| Product Length                       | 43.2 mm[1.7 in]                                           |
| Compatible Insulation Diameter Range | 1.4 – 3.8 mm, 1.9 – 3.2 mm[.055 – .15 in][.075 – .125 in] |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                        |          |
|------------------------|----------|
| Degree of Protection   | IP67     |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 1   |
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # 1062-20-0622  
SOC, SF, SIZE 20, 14-16, NI/NI



TE Part # 1062-20-0322  
SOC, SF, SIZE 20, 16-22, SLEVLSS, NI /NI



TE Part # 1062-20-0277  
SOC, SF, SIZE 20, 16-22, SN/SN



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



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



TE Part # 1062-20-0244  
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0222  
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0122  
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0144  
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0377  
SOC, SF, SIZE 20, 16-22, SLEVLSS, SN /SN



TE Part # 1062-20-0177  
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part # 1062-20-0344  
SOC, SF, SIZE 20, 16-22, SLEVLSS, AU /SN



TE Part # 1062-20-0644  
SOC, SF, SIZE 20, 14-16, AU/SN



TE Part # 1062-20-0677  
SOC, SF, SIZE 20, 14-16, SN/SN



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



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

Also in the Series | **DEUTSCH HD**



Automotive Connector Caps & Covers (32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



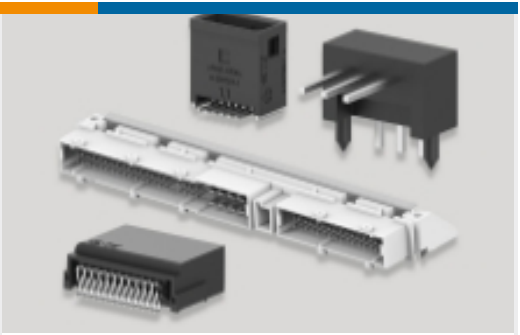
Connector Strain Relief(5)



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 #DT04-12PD-CE07  
REC, 12P, BRN, E, ENH KEY, CAP, D



TE Part #DT06-08SA-CE06  
PLG, 8P, GRY, E, SEAL RET, A



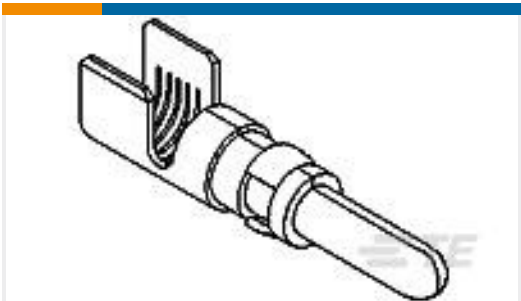
TE Part #HDP24-18-20PE  
DEUTSCH HDP20 Housings



TE Part #1604055-1  
CONTACT,350A,1/0 AWG,L/P



TE Part #1217150-1  
FF 187 REC 18-14AWG TPBR



TE Part #213841-5  
POWERBAND CONT ASSY,SILVER PLT



TE Part #9-2367345-2  
SOC CONN CVR ASSY,2POS,CSS  
SIZE 20,180



TE Part #YHVA630-5PHM-6MM-A  
HVA630-5phm,5x6sqmm,Key A



Documents

Product Drawings

PLG, 20P, BLK, E, 16/20, S

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-20SE\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-20SE\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-20SE\_D.3d\_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English