# HDP26-18-20SE-L017 ✔ ACTIVE

DEUTSCH | DEUTSCH HDP, DEUTSCH HD30

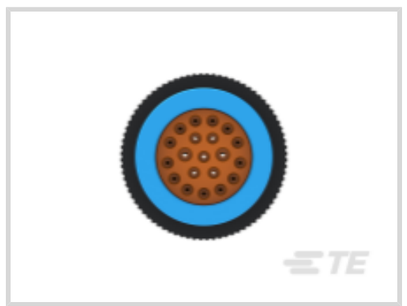
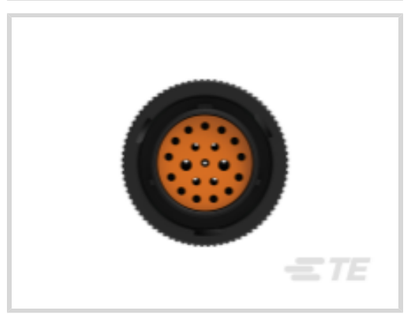
TE Internal #: HDP26-18-20SE-L017

12 V / 24 V / 48 V, 20 Position, Automotive Housing for Female Terminals, Wire-to-Panel, Sealable, Black, Wire & Cable, Power, Panel Mount, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **20**

Sealable: **Yes**

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

All DEUTSCH HDP20 Housings (357)

## Features

### Product Type Features

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

### Configuration Features

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

## Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VDC |
| Nominal Voltage Architecture | 12 V, 24 V, 48 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

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

## Housing Features

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

## Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | 1.4 – 3.8 mm, 1.9 – 3.2 mm[.055 – .15 in][.075 – .125 in] |
| Product Width | 43.2 mm[1.7 in] |
| Product Length | 43.2 mm[1.7 in] |
| Connector Height | 41.5 mm[1.63 in] |

## Usage Conditions

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

## Operation/Application

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

## Industry Standards

| | |
|---|---|
| IP Rating | 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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-ST273
DEUTSCH Solid Contacts



TE Part # 0411-336-1605
EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # 0411-204-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU



TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



TE Part # CAT-H396-B128
DEUTSCH HDP20 Backshells



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



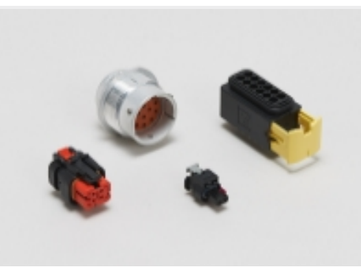
TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part # 1062-14-0177
SOC, SF, SIZE 16, 14-18, SN/SN



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

## Also in the Series | DEUTSCH HD30



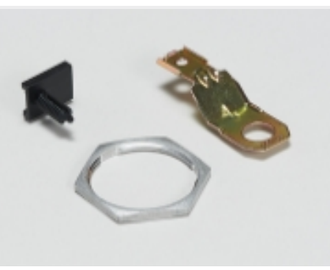
Automotive Housings(357)



Automotive Seals & Cavity Plugs(1)



Connector Strain Relief(6)



Other Automotive Connector Accessories(7)

## Also in the Series | DEUTSCH HDP



Automotive Connector Caps & Covers (4)



Automotive Housings(357)

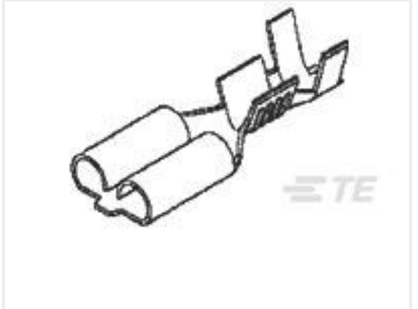
## Customers Also Bought



TE Part #2428-015-1805
BKSHL, 18SZ, BLK, RA,NW13/17/19, L017,HDP



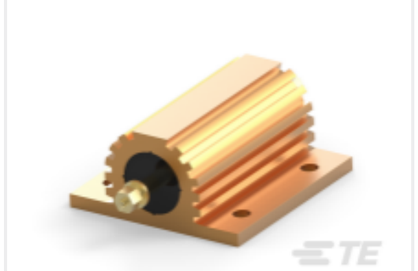
TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #170384-1
250 FASTON,REC.,22-20 AWG,BR



TE Part #3-1418479-1
8POS,AMP MCP1.5K,REC. HSG



TE Part #4-2176731-3
HSC100S 180R 5% Screw Terminal



TE Part #2103177-1
PLUG ASSY, KEY A, TA,CPA, HVA280-2PHI XE



TE Part #2103177-4
PLUG ASSY, KEY D, TA,CPA, HVA280-2PHI XE



TE Part #2103181-2
CABLE SEAL RTNR, SIZE B, HVA280-2PI XE



TE Part #2103181-3
CABLE SEAL RTNR, SIZE C, HVA280-2PI XE

## Documents

### Product Drawings

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

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HDP26-18-20SE-L017_C.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_HDP26-18-20SE-L017_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_HDP26-18-20SE-L017_C.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

### CONNECTOR SELECTOR

English

## Product Specifications

### Application Specification

English

## Agency Approvals

### UL Report

English