

HDP26-18-21SN-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HDP, DEUTSCH HD

TE Internal #: HDP26-18-21SN-L017

21 Position Housing, Housing for Female Terminals, Wire-to-Panel, Sealable, Black, Wire & Cable, Power, Panel Mount, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Number of Positions: 21  
Connector & Housing Type: Housing for Female Terminals  
Mating Pin Diameter: 1 mm [ .04 in ]  
Connector System: Wire-to-Panel  
Sealable: Yes

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

Features

Housing Features

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

Industry Standards

|                        |          |
|------------------------|----------|
| IP Rating              | IP67     |
| UL Flammability Rating | UL 94V-0 |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.9 – 3.2 mm[.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]             |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

Mechanical Attachment

|                             |                 |
|-----------------------------|-----------------|
| Strain Relief               | Without         |
| Terminal Position Assurance | No              |
| Mating Alignment Type       | Polarizing Slot |



|                         |             |
|-------------------------|-------------|
| Mating Alignment        | With        |
| Connector Mounting Type | Panel Mount |

Other

|                                      |           |
|--------------------------------------|-----------|
| Serviceable                          | Yes       |
| Connector Position Assurance Capable | No        |
| EU RoHS Compliance                   | Compliant |
| EU ELV Compliance                    | Compliant |

Electrical Characteristics

|                              |         |
|------------------------------|---------|
| Operating Voltage            | 250 VDC |
| Nominal Voltage Architecture | 250 V   |

Body Features

|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Primary Product Color | Black |

Contact Features

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

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Circular                     |
| Connector & Housing Type          | Housing for Female Terminals |
| Connector System                  | Wire-to-Panel                |
| Sealable                          | Yes                          |
| 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    | 21           |

Usage Conditions



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

Operation/Application

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

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



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



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



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



TE Part # CAT-H396-B128  
DEUTSCH HDP20 Backshells

TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs

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

TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings

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

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

TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts

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

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

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

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

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

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

Also in the Series

DEUTSCH HD

Automotive Headers(1)

Automotive Housings(357)

Connector Backshells(10)

Connector Strain Relief(5)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)



Wire-to-Board Headers & Receptacles (1)

Also in the Series | **DEUTSCH HDP**



Automotive Connector Caps & Covers (4)



Automotive Housings(357)



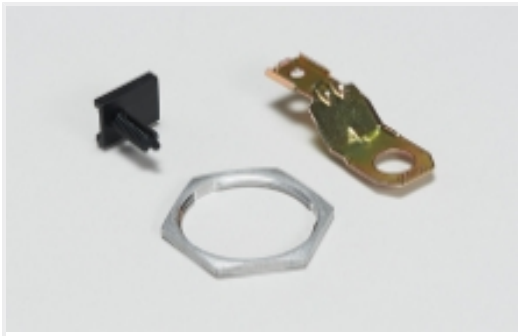
Connector Backshells(10)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(6)

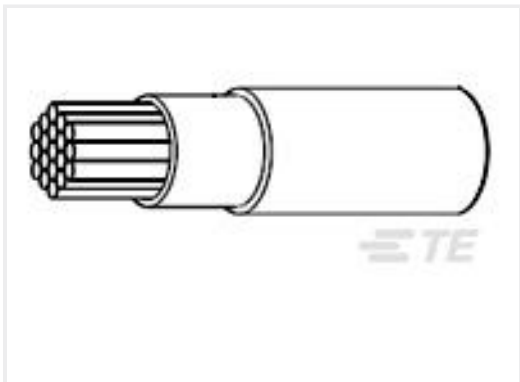
Customers Also Bought



TE Part #CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part #HD34-24-21PN-059  
REC,21P,AL,N,CBLCLMP BT,DRAIN,12 /16,P,MC



TE Part #8178973003  
FLDWC0311-1.50-0



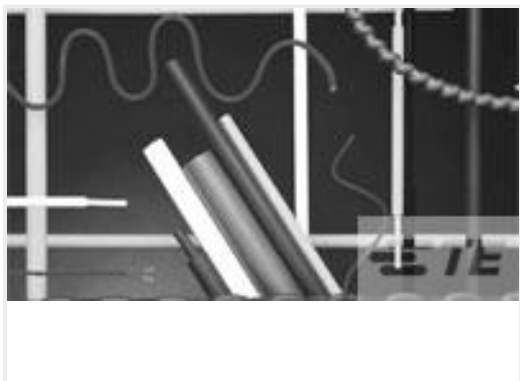
TE Part #2428-016-1805  
BKSHL, 18SZ, BLK, ST,NW13/17/19, L017,HDP



TE Part #1423160-1  
7014AB=RLY,STD,ON,4P,120VAC,7



TE Part #2-1670901-1  
12POS,AMP MCP2.8,REC HSG,ASSY



TE Part #1253024001  
CGPT-19/9.5-6-FSP



TE Part #3-1393104-8  
KRPA-11AY-240=KRPA



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-21SN-L017\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-21SN-L017\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_HDP26-18-21SN-L017\_B.3d\_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

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Product Specifications

Application Specification

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Agency Approvals

UL Report

English