

HDP26-18-20SN-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HDP, DEUTSCH HD

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

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



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

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

Features

Product Type Features

Mixed & Hybrid Connector	Yes
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 Seal Code	N Seal
Number of Positions	20

Electrical Characteristics

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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
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Dimensions

Compatible Insulation Diameter Range	1.9 – 3.2 mm, 1.4 – 3.8 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 (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519454042) Decamethylcyclopentasiloxane (D5) (.5% in 27519454042) Octamethylcyclotetrasiloxane (D4) (.5% in 27519454042) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

HDP26-18-20SN-L017

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



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



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



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



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # CAT-H396-B128
DEUTSCH HDP20 Backshells



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



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



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



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



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



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



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



TE Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN



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



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

Also in the Series | **DEUTSCH HD**



Automotive Headers(1)



Automotive Housings(357)



Connector Seals & Cavity Plugs(1)



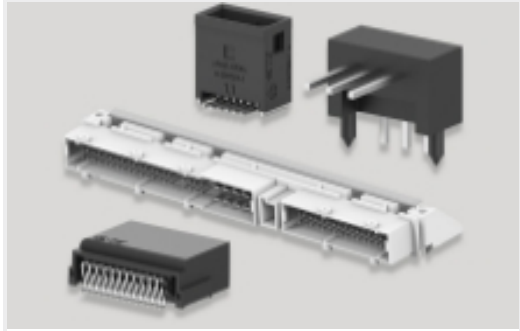
Connector Strain Relief(5)



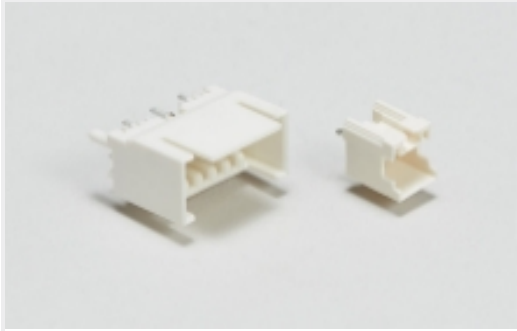
Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

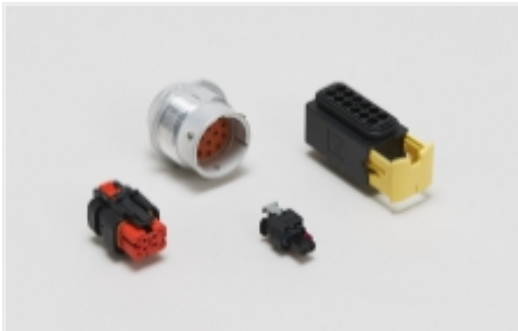


Wire-to-Board Headers & Receptacles (1)

Also in the Series | **DEUTSCH HDP**



Automotive Connector Caps & Covers (4)



Automotive Housings(357)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #36203
TERMINAL,PIDG R 16-14HD 1/2



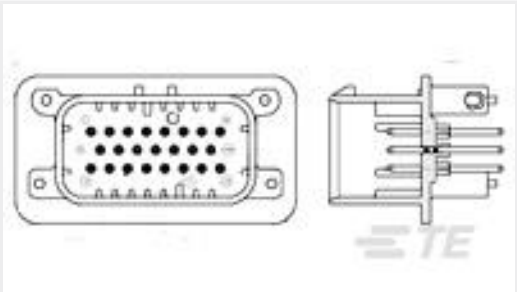
TE Part #HD10-9-1939P-BP03
REC, 9P, GRN,N, PANEL, J1939, TYPE 2



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



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



TE Part #776200-2
23POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 2



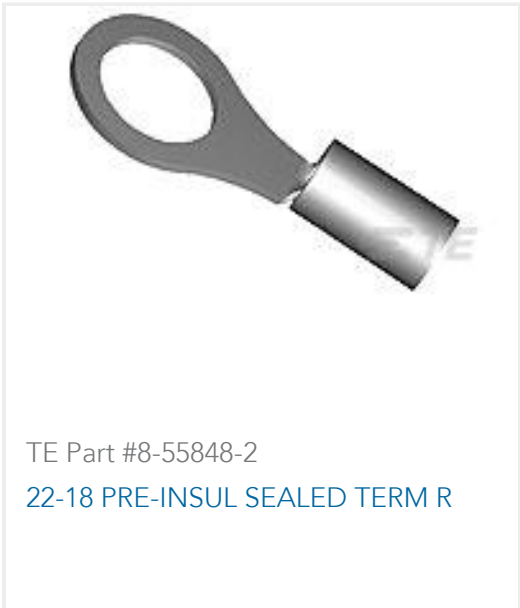
TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #234458-E
SRCA 1,27 3 F 1 I2426 137 * 094 1,07 TRA



TE Part #207052-1
SZ23 UNASSM KIT,CPC



Documents

CAD Files

3D PDF

3D

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

ENG_CVM_CVM_HDP26-18-20SN-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

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Agency Approvals

UL Report

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