

HDP26-18-20SN-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

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

Housing for Female Terminals, Wire-to-Panel, 20 Position, 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



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	N Seal
Number of Positions	20

Electrical Characteristics

Operating Voltage	250 VAC
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Nominal Voltage Architecture	250 V
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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
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Dimensions

Connector Height	41.5 mm[1.63 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
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Industry Standards

Degree of Protection	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) 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



 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # CAT-H396-B128 DEUTSCH HDP20 Backshells
 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # 1062-20-0622 SOC, SF, SIZE 20, 14-16, NI/NI	 TE Part # 1062-20-0244 SOC, SF, SIZE 20, 16-22, AU/SN	 TE Part # 1062-20-0322 SOC, SF, SIZE 20, 16-22, SLEVLSS, NI /NI
 TE Part # 1062-20-0377 SOC, SF, SIZE 20, 16-22, SLEVLSS, SN /SN	 TE Part # 1062-20-0277 SOC, SF, SIZE 20, 16-22, SN/SN	 TE Part # 0411-291-1405 EXT TOOL, SIZE 16, 14-16 AWG, N, GRN	 TE Part # 0411-240-2005 EXT TOOL, SIZE 20, 16-22 AWG, N, RED
 TE Part # 0411-204-1605 EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU	 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 # 1062-20-0177 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

Also in the Series | **DEUTSCH HD**



Automotive Connector Caps & Covers
(32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



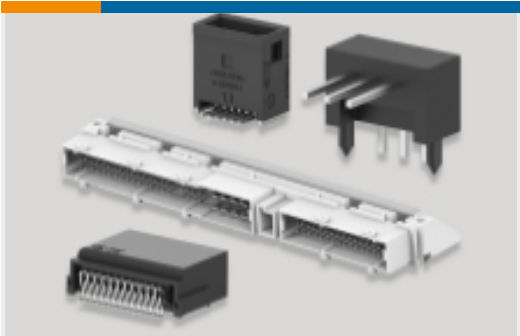
Connector Strain Relief(5)



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 #HDP24-18-20PN
DEUTSCH HDP20 Housings



TE Part #470636-000
ALR-AT-15

TE Part #4062-002-12141
SOC, SOLID, SIZE 12, 12-14AWG, NI

TE Part #8N1521-32
ENDBELL, SIZE 32

TE Part #8N1518-32-25S
PLG, 32P, AL, N, 4/8/12/16, S

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

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English