

HDP26-18-20SE-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

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

Housing for Female Terminals, Wire-to-Wire, 20 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Connector System: Wire-to-Wire

Number of Positions: 20

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Pin Diameter: 1.02 mm, 1.59 mm [.04 in, .063 in]

[All DEUTSCH HDP20 Housings \(324\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector System	Wire-to-Wire
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 Modification	Ring Adapter
Connector Seal Code	E Seal
Number of Positions	20

Electrical Characteristics



Operating Voltage	250 VAC
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	1.02 mm, 1.59 mm[.04 in][.063 in]
Contact Current Rating (Max)	7.5 A, 13 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	43.17 mm[1.7 in]
Product Width	43.17 mm[1.7 in]
Product Length	41.53 mm[1.625 in]
Compatible Insulation Diameter Range	1.02 - 2.41 mm, 1.35 - 3.05 mm[.04 - .095 in][.053 - .12 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP67
UL Flammability Rating	20mm Flame Test per Standard UL-94



Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

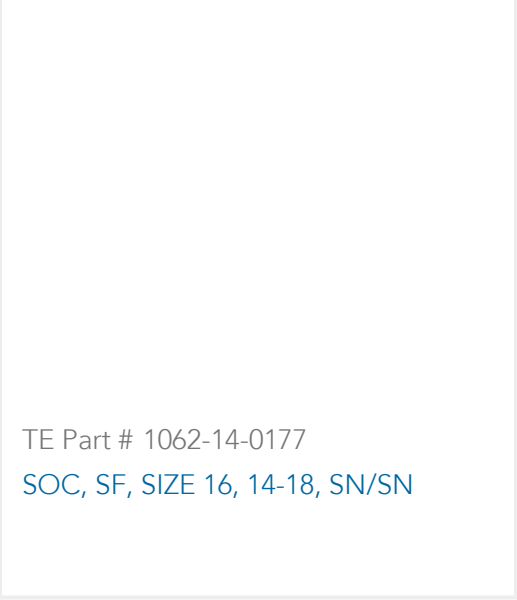
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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-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 # 1062-20-0377 SOC, SF, SIZE 20, 16-22, SLEVLSS, SN /SN	 TE Part # 1062-20-0344 SOC, SF, SIZE 20, 16-22, SLEVLSS, AU /SN	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings
 TE Part # 0411-240-2005 EXT TOOL, SIZE 20, 16-22 AWG, N, RED	 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 # 1062-20-0322 SOC, SF, SIZE 20, 16-22, SLEVLSS, NI /NI
 TE Part # 1062-20-0122 SOC, SF, SIZE 20, 16-22, NI/NI	 TE Part # 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 # 1062-20-0277 SOC, SF, SIZE 20, 16-22, SN/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 # 0411-336-1605 EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU	 TE Part # 1062-14-0177 SOC, SF, SIZE 16, 14-18, SN/SN

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers
(32)

Automotive Housings(742)

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(331)

Connector Backshells(8)

Connector Seals & Cavity Plugs(1)

Insertion & Extraction Tools(11)

Other Automotive Connector
Accessories(5)

Customers Also Bought



TE Part # HC5737
70MM2 NEGBAT LEAD 1/4" UNC
THREAD

TE Part # HC5899
BAT CONNECTOR POS8MM
AUXILLARY MNT

TE Part # HC5901
BATT.POST CLAMP -VE MK.3

TE Part # HC5884
STANDARD BAT CLMP NEGATIVE

TE Part # HC5881
BAT 1/4" UNC BOLT/WASHER ASSMB

TE Part # HC5735
50MM2 NECAIVE BAT LEAD 1/4"
UNC THREAD

TE Part # HC5840D
INTEGRAL BATT. POST. DOUBLE
TAPER.

TE Part # HC5936
BATTERY LEAD CONN. 70mm +VE

TE Part # DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, A

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

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Datasheets & Catalog Pages



CONNECTOR SELECTOR

English

Product Specifications
Application Specification

English

Agency Approvals
UL Report

English