

HDP26-24-18SE-L024

✓ ACTIVE

DEUTSCH | DEUTSCH HDP, DEUTSCH HD

TE Internal #: YHDP26-24-18SEL024

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Number of Positions: 18
Connector & Housing Type: Housing for Female Terminals
Mating Pin Diameter: 2.39 mm, 3.61 mm, 1.59 mm [.063 in, .142 in, .094 in]
Connector System: Wire-to-Wire
Sealable: Yes

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

Features

Housing Features

Housing Material	PA GF
------------------	-------

Industry Standards

IP Rating	IP67
UL Flammability Rating	20mm Flame Test per Standard UL-94

Dimensions

Compatible Insulation Diameter Range	1.35 – 3.05 mm, 2.46 – 4.01 mm, 3.43 – 5.59 mm[.097 – .158 in][.135 – .22 in][.053 – .12 in]
Product Width	49.53 mm[1.95 in]
Product Length	38.3 mm[1.508 in]
Connector Height	49.53 mm[1.95 in]

Packaging Features

Packaging Quantity	1
--------------------	---



Packaging Method	Box
Mechanical Attachment	
Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
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 8, Size 16, Size 12
Contact Type	Socket
Mating Pin Diameter	2.39 mm, 3.61 mm, 1.59 mm[.063 in][.142 in][.094 in]
Contact Current Rating (Max)	25 A, 13 A, 60 A
Product Type Features	
Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable



Configuration Features

Blank Cavity Position	0
Connector Modification	Wide Threaded Adapter
Connector Seal Code	E Seal
Number of Positions	18

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

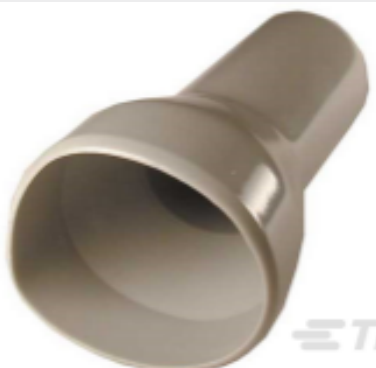
For compliance documentation, visit the product page on [TE.com](#)>

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) Candidate List Declared Against: JUNE 2024 (241) 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 # HD30-24BT
BOOT, 24SZ, ST, GRY



TE Part # HD30-24BT-90-BK
BOOT, 24SZ, RA, BLK



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1062-12-0166
SOC, SF, SIZE 12, 12-14, NI/SN



TE Part # 0411-337-1205
EXT TOOL, SIZE 12, 12-14 AWG, E, ORG



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 # Y2428-024-24050000
BKSHL, 24SZ, BLK, ST, L024, HDP



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # HD30-24BT-BK
BOOT, 24SZ, ST, BLK



TE Part # 1062-12-0144
SOC, SF, SIZE 12, 12-14, AU/SN



TE Part # 114008-ZZ
EXT TOOL, SIZE 8, 8-10 AWG, N, GRN



TE Part # 1062-12-0222
SOC, SF, SIZE 12, 10, NI/NI



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

Also in the Series | **DEUTSCH HD**



Automotive Headers(1)



Automotive Housings(357)



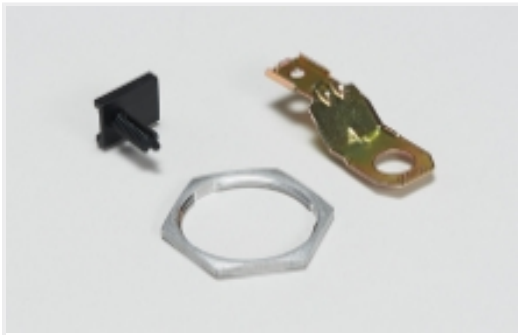
Connector Backshells(10)



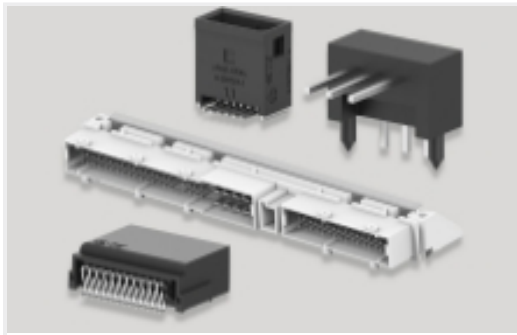
Connector Strain Relief(5)



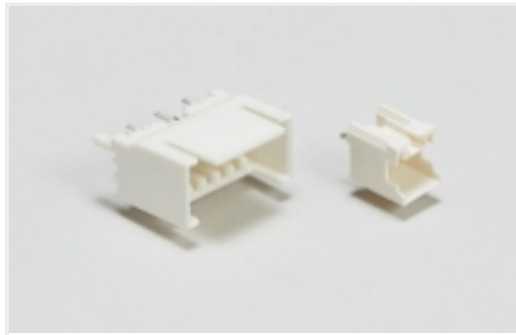
Insertion & Extraction Tools(11)



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)



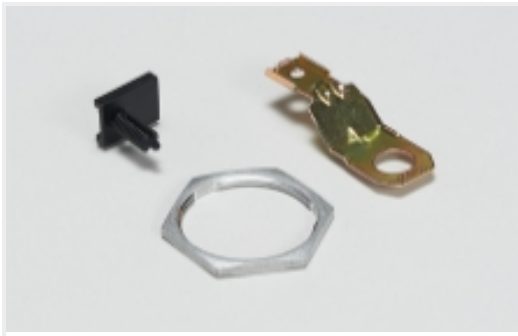
Connector Backshells(10)



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 #DT06-3S-C017
PLG, 3P, GRY, BLOCKED



TE Part #776434-1
AS16,CAP ASSY,ST,06P,N SEAL,CODE A



TE Part #1011-241-0605
BKSHL, 6P, BLK, REC, ST, NW8.5/10/13



TE Part #DTM04-2P-EP10
REC, 2P, BLK, 120 OHM RESISTOR, AU, B



TE Part #HDC34-24
DUST CAP, 24SZ, PLG, AL, LANYARD, HD30



TE Part #1028-008-0405
BKSHL, 4P, BLK, PLG, ST, NW 8.5



TE Part #2103306-1
INNER HOUSING, PLUG, HVA280-3PXM, XE



Documents

Product Drawings

PLG, 18P, BLK, E, WTHD, 8/12/16, S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YHDP26-24-18SEL024_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-18SEL024_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-18SEL024_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English