HDP26-24-18SE-L024 ✔ ACTIVE

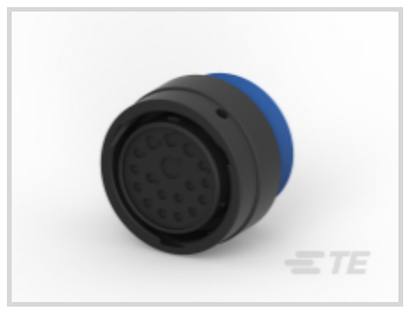
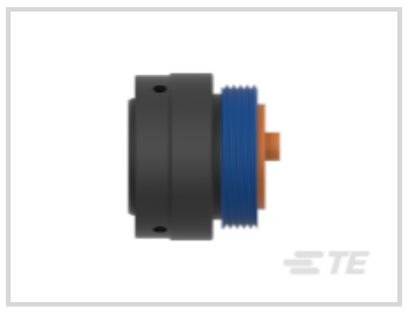
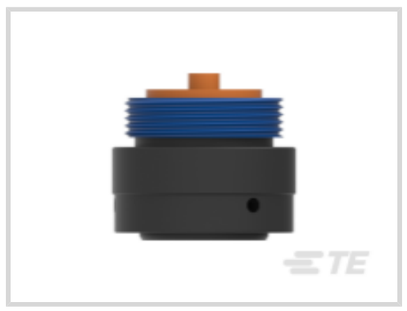
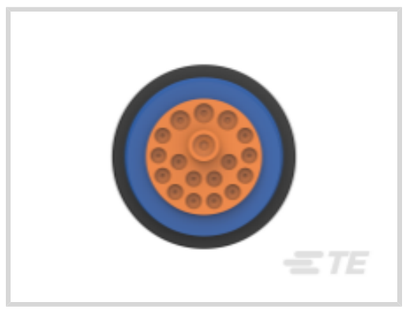
DEUTSCH | DEUTSCH HDP, DEUTSCH HD

TE Internal #: YHDP26-24-18SEL024

12 V / 24 V / 48 V, 18 Position, Automotive Housing for Female Terminals, Wire-to-Wire, Sealable, Black, Wire & Cable, Power, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings


Nominal Voltage Architecture: **12 V, 24 V, 48 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **18**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

All DEUTSCH HDP20 Housings (357)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
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

Electrical Characteristics

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 12, Size 16, Size 8
Contact Type	Socket
Mating Pin Diameter	1.59 mm, 2.39 mm, 3.61 mm[.063 in][.094 in][.142 in]
Contact Current Rating (Max)	13 A, 25 A, 60 A

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)

Housing Features

Housing Material	PA GF

Dimensions

Compatible Insulation Diameter Range	1.35 – 3.05 mm, 2.46 – 4.01 mm, 3.43 – 5.59 mm[.053 – .12 in][.097 – .158 in][.135 – .22 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]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Quantity	1
Packaging Method	Box

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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 # 114008-ZZ
EXT TOOL, SIZE 8, 8-10 AWG, N, GRN



TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



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



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



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



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



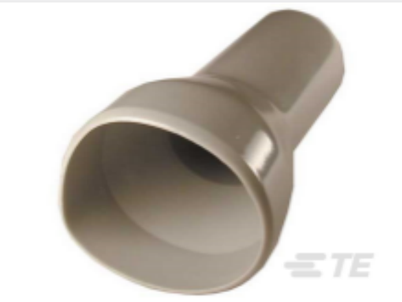
TE Part # HD30-24BT-BK
BOOT, 24SZ, ST, BLK



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



TE Part # HD30-24BT
BOOT, 24SZ, ST, GRY

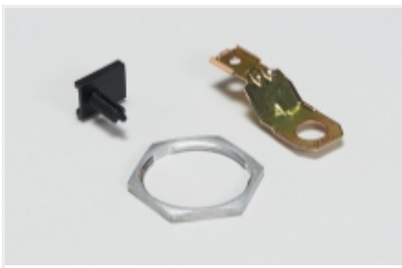
Also in the Series | DEUTSCH HD



Automotive Housings(357)



Automotive Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(7)

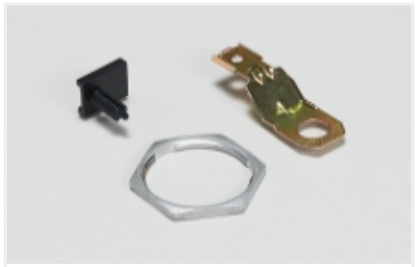
Also in the Series | DEUTSCH HDP



Automotive Connector Caps & Covers (4)



Automotive Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #DT04-4P-LE11
REC, 4P, BLK, N, CAP, FLANGE



TE Part #NB11014001
ATUM-4/1-0-SP



TE Part #DRB16-48SAE-L018
PLG, 48P, BLK, E, CAP, A



TE Part #YHDP26-24-19SEL024
PLG, 19P, BLK, E, WTHD, 12/16, S



TE Part #66104-7
III+ SKT,24-20,TIN-LEAD,STRIP



TE Part #2-967624-1
JUN-POW-TIM GEH 18P



TE Part #1-1418883-1
62.POS.MIXED REC.HSG



TE Part #1461405-5
OJ-SH-112HM,000



TE Part #2298125-1
MATE-AX, Pin center contact, RTK 031



TE Part #2325098-4
MNTG CLIP,ENETSEAL PLUS

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