

HDP26-24-35PE-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HD30, DEUTSCH HDP

TE Internal #: YHDP26-24-35PEL017

12 V / 24 V / 48 V, 35 Position, Automotive Housing for Female
Terminals, Wire-to-Wire, Sealable, Black, Wire & Cable, Power,
Hybrid

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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: 35

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 Seal Code	E Seal
Number of Positions	35

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	Pin
Mating Pin Diameter	1.02 mm, 1.59 mm[.04 in][.063 in]
Contact Current Rating (Max)	7.5 A, 13 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
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Dimensions

Compatible Insulation Diameter Range	1.02 – 2.41 mm, 1.35 – 3.05 mm[.04 – .095 in] [.053 – .12 in]
Product Width	49.53 mm[1.95 in]
Product Length	42.55 mm[1.675 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
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Industry Standards

IP Rating	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	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: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) 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 # 2428-011-2405
BKSHL, 24SZ, BLK, RA,NW17/19/26, L017,HDP



TE Part # 0411-354-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, BRN



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



TE Part # 2428-010-2405
COVER,24SZ,BLK,ST,NW17,19,23,26, L017,HDP



TE Part # 2428-008-2405
BKSHL, 24SZ, BLK, ST, NW 25.4, L017, HDP



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



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



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



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



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 # CAT-D48-ST273
DEUTSCH Connector Solid Contacts



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



TE Part # 2428-004-2405
BKSHL, 24SZ, BLK, RA, NW 25.4, L017, HDP



TE Part # 0411-310-1605
EXT TOOL, SIZE 16, 16-18 AWG, T, LT BLU



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

Also in the Series | **DEUTSCH HD30**



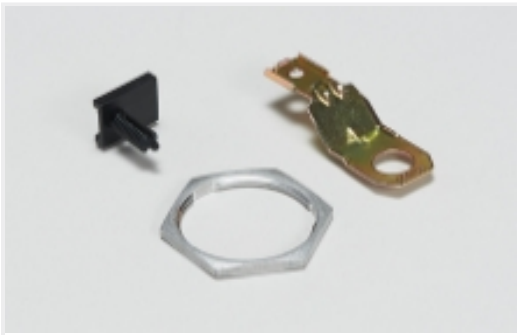
Automotive Housings(357)



Automotive Seals & Cavity Plugs(1)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(7)

Also in the Series

DEUTSCH HDP



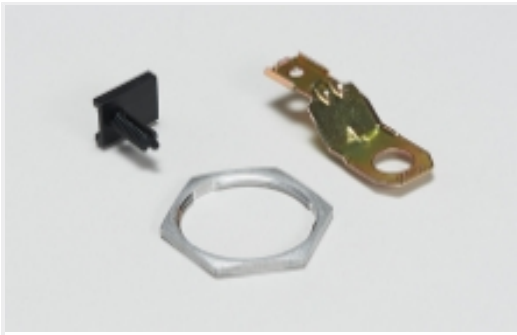
Automotive Housings(357)



Automotive Seals & Cavity Plugs(1)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #0528-012-7005
BKSHL, 70P, BLK, PLG, RA, NO RIB, NW 26



TE Part #DRC16-70SCE-P013UK
PLG, 70P, BLK, E, SEAL BOND, C



TE Part #K1014074
Toggle Switch 07-1-2-14 934



TE Part #EP8862-000
ESZH-CAP-NO.2-50MM



TE Part #2411-001-2405
PANEL NUT, SIZE 24, HDP



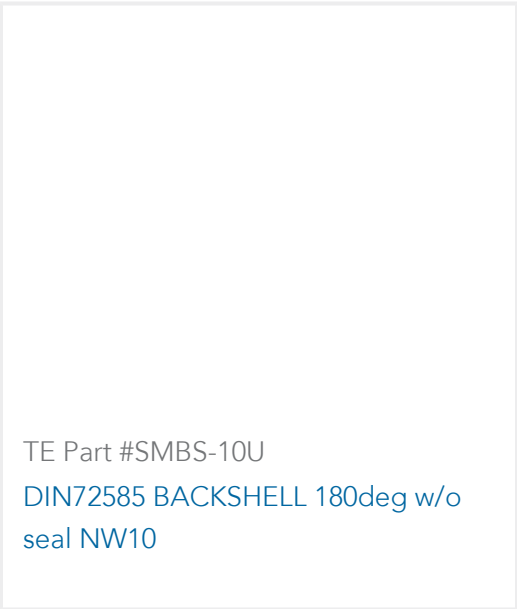
TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #1-1609158-3
12HPSGD1=F8479



TE Part #2292802-3
AS16,PLUG BACKSHELL KIT,ST,12P, NC16



TE Part #SMBS-10U
DIN72585 BACKSHELL 180deg w/o seal NW10



Documents

Product Drawings

PLG, 35P, BLK, E, RNG, 16/20, P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YHDP26-24-35PEL017_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-35PEL017_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-35PEL017_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English