HDP26-24-47PE-L015 ✔ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: HDP26-24-47PE-L015

Housing for Male Terminals, Wire-to-Wire, 47 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings

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

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

Connector System: **Wire-to-Wire**

Number of Positions: **47**

Sealable: **Yes**

All DEUTSCH HDP20 Housings (324)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	Threaded Adapter
Connector Seal Code	E Seal
Number of Positions	47

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	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

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

Dimensions

Connector Height	49.53 mm[1.95 in]
Product Width	49.53 mm[1.95 in]
Product Length	55.45 mm[2.183 in]
Compatible Insulation Diameter Range	1.02 – 2.1 mm, 1.35 – 2.62 mm[.04 – .083 in][.053 – .103 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

Industry Standards

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

Packaging Features

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% 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-H396-CH8172
DEUTSCH HDP20 Housings

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # CAT-H396-B128
DEUTSCH HDP20 Backshells

TE Part # CAT-H3910-B128
DEUTSCH HD10 Backshells

TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

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

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

TE Part # 0411-240-2005
EXT TOOL, SIZE 20, 16-22 AWG, N, RED

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

TE Part # 1060-20-0622
PIN, SF, SIZE 20, 14-16, NI/NI

TE Part # 1060-20-0144
PIN, SF, SIZE 20, 16-22, AU/SN

TE Part # 1060-20-0222
PIN, SF, SIZE 20, 16-22, NI/NI

TE Part # 1060-20-0122
PIN, SF, SIZE 20, 16-22, NI/NI

TE Part # 1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN

TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU

TE Part # 1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN

TE Part # 1060-20-0277
PIN, SF, SIZE 20, 16-22, SN/SN

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

TE Part # 0411-336-1605
EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU

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

Also in the Series | DEUTSCH HD

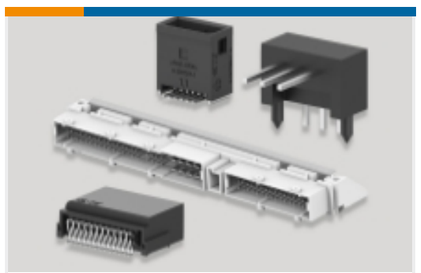
Automotive Connector Caps & Covers (65)

Automotive Housings(741)

Automotive Seals & Cavity Plugs(10)

Insertion & Extraction Tools(11)

Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series | DEUTSCH HDP

Automotive Connector Caps & Covers (12)

Automotive Housings(331)

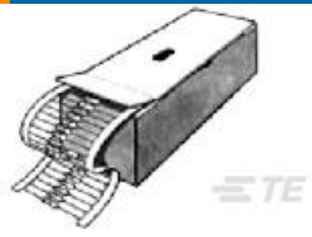
Automotive Seals & Cavity Plugs(1)

Insertion & Extraction Tools(11)

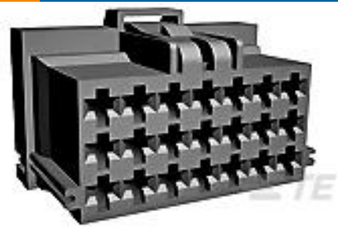
Other Automotive Connector Accessories(5)

Customers Also Bought

TE Part #HDP26-24-33PN-L015
DEUTSCH HDP20 Housings



TE Part #2176082-2
EP 3W (S) 15R 5%



TE Part #5-968975-1
MCP2,8 GEH ASSY 21P

Documents

Product Drawings

PLG, 47P, BLK, E, THD, 16/20, P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HDP26-24-47PE-L015_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HDP26-24-47PE-L015_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HDP26-24-47PE-L015_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English