HDP26-24-23SE-L024 ✔ ACTIVE

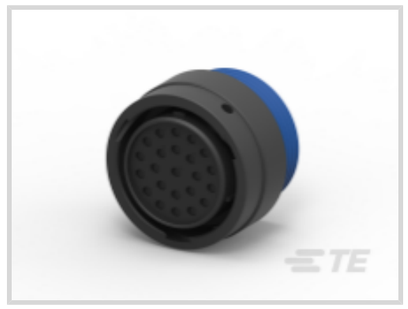
DEUTSCH | DEUTSCH HD, DEUTSCH HDP

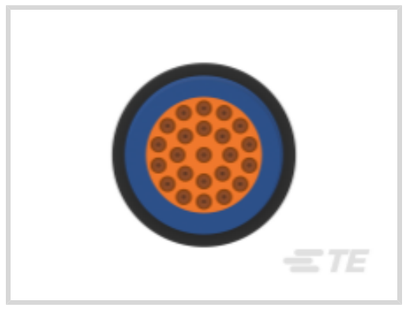
TE Internal #: YHDP26-24-23SEL024

Housing for Female Terminals, Wire-to-Wire, 23 Position, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings




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

Number of Positions: **23**

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

Sealable: **Yes**

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

All DEUTSCH HDP20 Housings (357)

Features

Product Type Features

Mixed & Hybrid Connector	No
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	Integrated in Housing

Configuration Features

Blank Cavity Position	0
Connector Modification	Wide Threaded Adapter
Connector Seal Code	E Seal
Number of Positions	23

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 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	1.59 mm[.063 in]
Contact Current Rating (Max)	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	38.3 mm[1.508 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.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

Industry Standards

Degree of Protection	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	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 # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



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



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



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

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers (32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



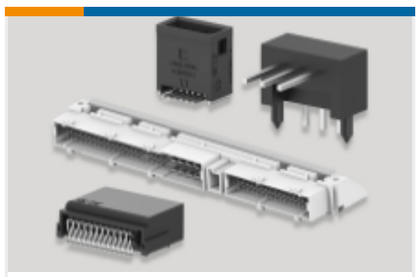
Connector Strain Relief(5)



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(357)



Connector Backshells(8)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(5)

Customers Also Bought



TE Part #HDP24-24-29SE
DEUTSCH HDP20 Housings



TE Part #DT04-12PA-B016
REC, 12P, GRY, N, ENH KEY, A



TE Part #2040594-4
AMPSEAL 16 Housings



TE Part #2292802-1
AS16,PLUG BACKSHELL KIT,ST,12P, SMOOTH



TE Part #61863-2
RING CRIMP 18-14 AWG TPBR

Documents

Product Drawings

PLG, 23P, BLK, E, WTHD, 16, S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YHDP26-24-23SEL024_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-23SEL024_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YHDP26-24-23SEL024_B.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2-292161-3 2377783-2 2380312-2 3430B2F51RTDF U5254-000005-030PA 3-1393225-0 917696-1 936348-1 CPF0402B37K4E1 RH73H2A40MKTN MPT100C18RF SBCHE154R7K SBCHE64R7K 1-794222-0 141991-2 ROX05SJ18R SMW73R0JT 175977-2 1969656-1 2005330-1 650075-000 TE50BR39J 1743455-2 1903112-2 2310537-1 1393431-1 1-962915-1 2834055-1 3631B101LL CRGCQ2010J3K3