

HDP26-24-21SE-L017 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

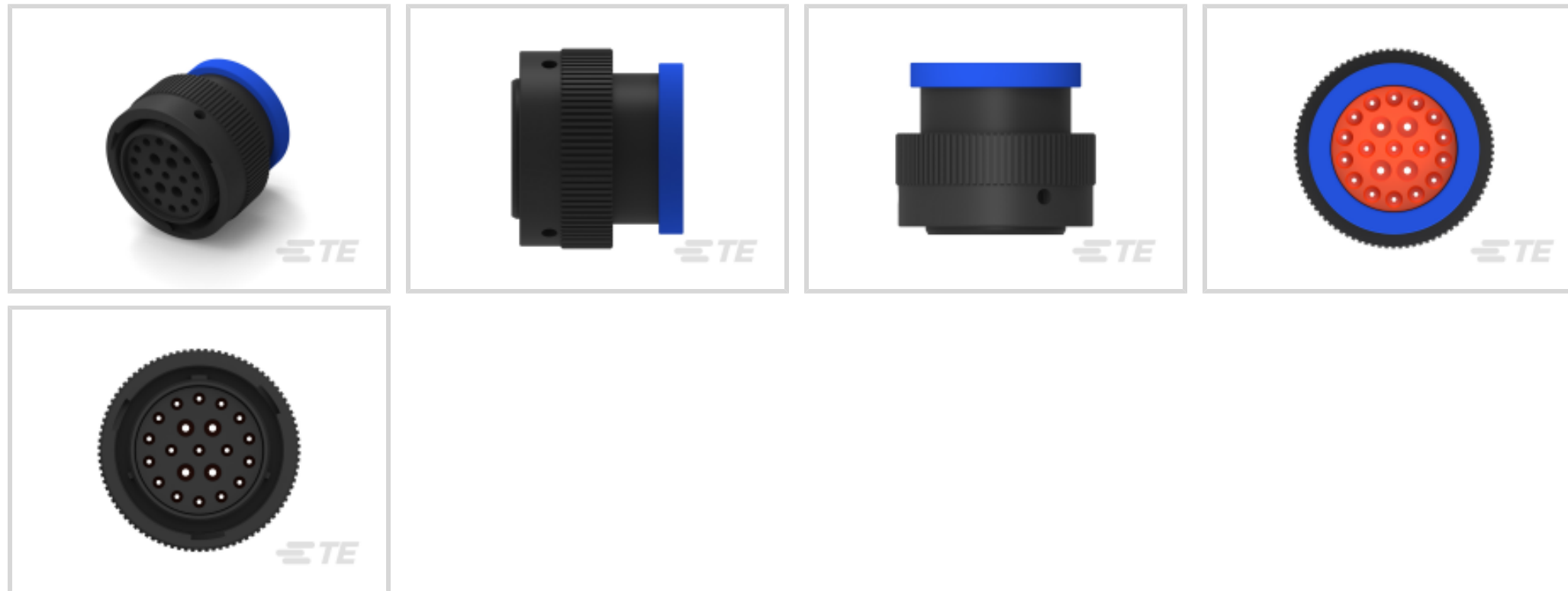
TE Internal #: HDP26-24-21SE-L017

Hybrid, Housing for Female Terminals, Wire-to-Wire, 21 Position,
Sealable, Blue, Power & Signal

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH HDP20 HOUSINGS



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

Mating Pin Diameter: **1.5 mm, 2.5 mm [.059 in, .098 in]**

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

Number of Positions: **21**

Sealable: **Yes**

[All DEUTSCH HDP20 HOUSINGS \(216\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory

Configuration Features

Number of Positions	21
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Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Operating Voltage	250 VDC

Body Features



Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Blue

Contact Features

Mating Pin Diameter	1.5 mm, 2.5 mm [.059 in][.098 in]
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Mechanical Attachment

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Dimensions

Height	49.53 mm [1.95 in]
Length	42.55 mm [1.675 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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 Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Model / Part # CAT-H396-B128
DEUTSCH HDP20 BACKSHELLS

TE Model / Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS

TE Model / Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS

TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

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

TE Model / Part # 0413-214-1205
SEALING PLUG, SIZE 12, KEYING, YEL

TE Model / Part # WHDS-24-1
STRAIN RELIEF, 24SZ, ST



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



TE Model / Part # WHDS-24-2
STRAIN RELIEF, 24SZ, RA



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



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



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

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers
(44)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road
Housings(634)



Insertion & Extraction Tools(12)

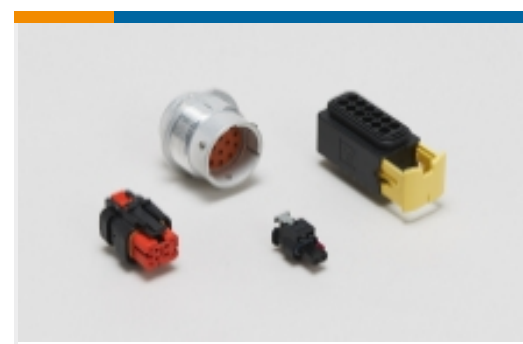


Other Automotive Connector
Accessories(12)

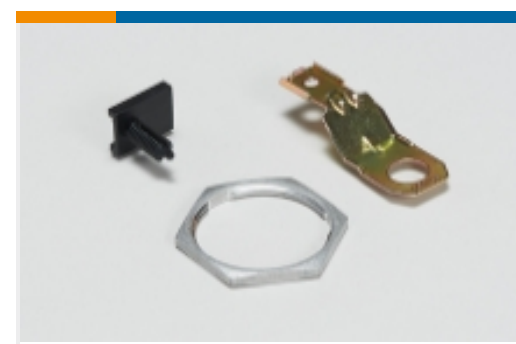
Also in the Series | DEUTSCH HDP



Automotive Connector Caps & Covers (12)



Automotive, Truck, Bus, & Off-Road Housings(260)



Other Automotive Connector Accessories(4)

Documents

Product Drawings

[PLG, 21P, BLK, E, RNG, 12/16, S](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HDP26-24-21SE-L017_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP26-24-21SE-L017_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP26-24-21SE-L017_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English