HDP24-24-31SE ✔ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

Hybrid, Housing for female terminals, Wire-to-Wire, 31 Position, Sealable, Blue, Power & Signal

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Connector Style: **Housing for female terminals**

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

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

Number of Positions: **31**

Sealable: **Yes**

All DEUTSCH HDP20 HOUSINGS (212)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory

Configuration Features

Number of Positions	31

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Blue

Contact Features

Mating Pin Diameter	1.5 mm[.059 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Connector Mounting Type	Panel
Polarized	Yes

Dimensions

Height	50.8 mm[2 in]
Length	41.86 mm[1.648 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94V-1

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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Automotive Connector Caps & Covers(1)



Automotive, Truck, Bus, & Off-Road Housings(1)



Automotive, Truck, Bus, & Off-Road Terminals(18)



Other Automotive Connector Accessories(3)

Also in the Series | DEUTSCH HD



Automotive Connector Caps & Covers(40)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(632)



Other Automotive Connector Accessories(23)

Also in the Series | DEUTSCH HDP



Automotive Connector Caps & Covers(12)



Automotive, Truck, Bus, & Off-Road Housings(256)



Other Automotive Connector Accessories(4)

Documents

Product Drawings

RECP ASM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HDP24-24-31SE_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HDP24-24-31SE_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HDP24-24-31SE_C.3d_stp.zip

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English