

HDP24-24-47SE

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

Hybrid, Housing for female terminals, Wire-to-Wire, 47 Position,
Sealable, Blue, Power & Signal

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



Connector Style: **Housing for female terminals**
Mating Pin Diameter: **1 mm, 1.5 mm [.039 in, .059 in]**
Connector System: **Wire-to-Wire**
Number of Positions: **47**
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	Yes
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory

Configuration Features

Number of Positions	47
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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
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Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Blue

Contact Features

Mating Pin Diameter	1 mm, 1.5 mm[.039 in][.059 in]
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Mechanical Attachment

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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]
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Operation/Application

Circuit Application	Power & Signal
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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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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(31)

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

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CAD Files

Customer View Model

[ENG_CVM_CVM_HDP24-24-47SE_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP24-24-47SE_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP24-24-47SE_A.2d_dxf.zip](#)

English

3D PDF

3D

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications

[Application Specification](#)

English