

HD34-18-21PN-072

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD34-18-21PN-072

Housing for Male Terminals, Wire-to-Wire, 21 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



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

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

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

Number of Positions: **21**

Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(357\)](#)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	Adapter
Connector Seal Code	N Seal
Number of Positions	21



Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	Aluminum

Contact Features

Contact Size	Size 20
Contact Type	Pin
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Post
Mating Alignment	With
Connector Mounting Type	Panel Mount

Dimensions

Product Width	44.45 mm[1.75 in]
Product Length	66.34 mm[2.612 in]
Product Height	41.28 mm[1.625 in]
Accepts Wire Insulation Diameter Range	1.02 – 2.41 mm[.04 – .095 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
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Industry Standards

Degree of Protection	IP67
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Packaging Features

Packaging Quantity	100
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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-H3930-CH8172  
DEUTSCH HD30 HOUSINGS



TE Part # 0409-201-1800  
CABLE CLAMP, 18SZ, AL



TE Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS



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





TE Part # CAT-H3930-RC8382  
DEUTSCH HD30 RECEPTACLE  
PROTECTIVE CAPS



TE Part # CAT-H3930-M8649  
DEUTSCH HD30 MOUNTING  
HARDWARE



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



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



TE Part # HD30-18BT-BK  
BOOT, 18SZ, ST, BLK



TE Part # HD30-18BT-90-BK  
BOOT, 18SZ, RA, BLK




TE Part # 16-04978  
GASKET, 18SZ, BLK, HD30


Also in the Series | **DEUTSCH HD**




Automotive Connector Caps & Covers  
(62)




Automotive Housings(742)



Automotive Seals & Cavity Plugs(10)



Insertion & Extraction Tools(11)



Other Automotive Connector  
Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers  
(18)



Automotive Housings(359)



Automotive Seals & Cavity Plugs(11)



Insertion & Extraction Tools(10)



Other Automotive Connector  
Accessories(6)

## Customers Also Bought



TE Part #HD34-24-47PE-059  
DEUTSCH HD30 HOUSINGS

## Documents

### Product Drawings

REC, 21P, AL, N, THD ADPT, DRAIN, 20, P

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_HD34-18-21PN-072\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD34-18-21PN-072\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD34-18-21PN-072\_A.3d\_stp.zip

English

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