

HD36-18-21SN-059

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-18-21SN-059

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



Connector System: **Wire-to-Panel**
Number of Positions: **21**
Connector & Housing Type: **Housing for Female Terminals**
Sealable: **Yes**
Mating Pin Diameter: **1 mm [.04 in]**

[All DEUTSCH HD30 Housings \(358\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Panel
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	Cable Clamp
Connector Seal Code	N Seal
Number of Positions	21



Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
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Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Aluminum Alloy
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Dimensions

Connector Height	77.7 mm[3.06 in]
Product Width	43 mm[1.69 in]
Product Length	43 mm[1.69 in]
Compatible Insulation Diameter Range	1.3 – 2.2 mm[.051 – .085 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67
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Packaging Features

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Packaging Quantity	1
Packaging Method	Package
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: JAN 2024 (240) 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-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # CAT-H3930-PC8382
Plug Protective Caps - DEUTSCH HD30



TE Part # 1062-20-0622
SOC, SF, SIZE 20, 14-16, NI/NI



TE Part # 1062-20-0322
SOC, SF, SIZE 20, 16-22, SLEVLESS, NI /NI



TE Part # 1062-20-0277
SOC, SF, SIZE 20, 16-22, SN/SN



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



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



TE Part # 1062-20-0244
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0122
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0144
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVLESS, SN /SN



TE Part # 1062-20-0177
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part # 1062-20-0344
SOC, SF, SIZE 20, 16-22, SLEVLESS, AU /SN



TE Part # 1062-20-0644
SOC, SF, SIZE 20, 14-16, AU/SN



TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN



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

Also in the Series | **DEUTSCH HD**



Automotive Connector Caps & Covers
(32)



Automotive Housings(768)



Connector Backshells(29)



Connector Seals & Cavity Plugs(10)



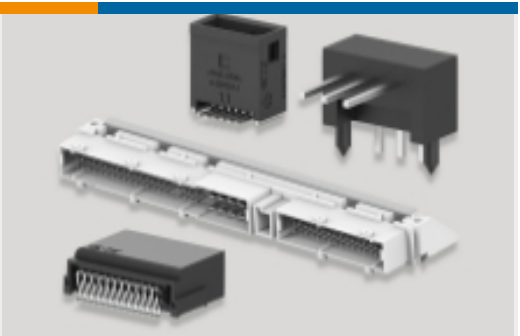
Connector Strain Relief(5)



Insertion & Extraction Tools(11)



Other Automotive Connector
Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers
(14)



Automotive Housings(359)



Connector Backshells(2)



Connector Seals & Cavity Plugs(11)



Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector
Accessories(6)

Customers Also Bought





TE Part #813854-000
202A153-3-0



TE Part #HD36-18-20SN-059
DEUTSCH HD30 Housings



TE Part #T2030722201-000
HDD-072-F



TE Part #1-967621-3
Timer Connector Housing



TE Part #640251-1
01P SL156 HSG W/O RAMP NATL



TE Part #2351769-1
CONTACT, AWG 22-26

TE Part #AKIT-B4303S-001
WHIP,MC,5/8,430-450MHZ

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD36-18-21SN-059_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HD36-18-21SN-059_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HD36-18-21SN-059_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English