

HD36-18-21SN-059

✓ ACTIVE

DEUTSCH | DEUTSCH HD30, DEUTSCH HD

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

21 Position Housing, Housing for Female Terminals, Wire-to-Panel, 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



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

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

Features

Industry Standards

IP Rating	IP67
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Housing Features

Housing Material	Aluminum Alloy
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Body Features

Cable Exit Angle	180°
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Dimensions

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

Packaging Features

Packaging Quantity	1
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Packaging Method	Package
Mechanical Attachment	
Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount
Other	
Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V
Contact Features	
Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1 mm[.04 in]
Contact Current Rating (Max)	7.5 A
Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Blank Cavity Position	0
Connector Modification	Cable Clamp
Connector Seal Code	N Seal

Number of Positions

21

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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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: JUNE 2024 (241) 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 # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



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



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



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



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 # 1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVELESS, SN /SN



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



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



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



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



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



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



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



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

Also in the Series | **DEUTSCH HD**



Automotive Headers(1)



Automotive Housings(359)



Connector Backshells(29)



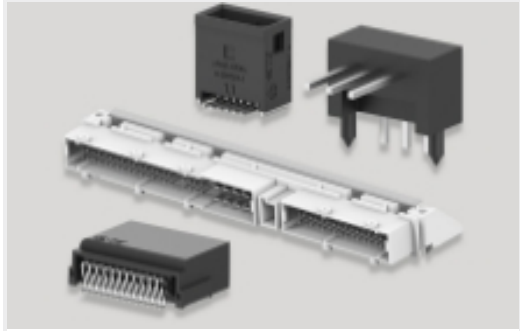
Connector Strain Relief(5)



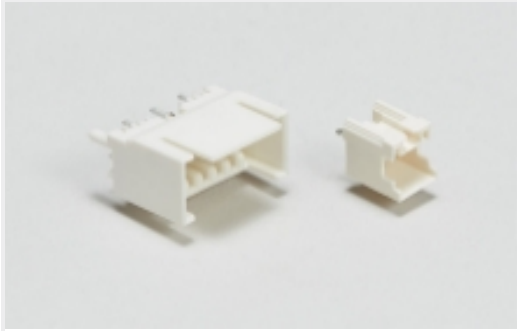
Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

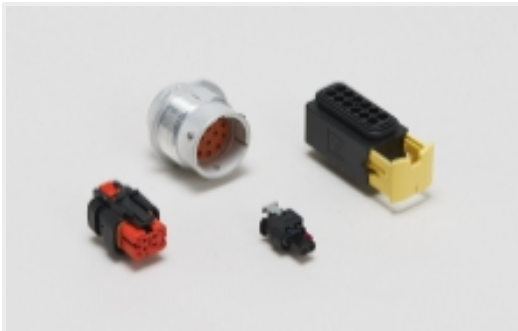


Wire-to-Board Headers & Receptacles (1)

Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers (14)



Automotive Housings(359)



Connector Seals & Cavity Plugs(11)



Connector Strain Relief(5)

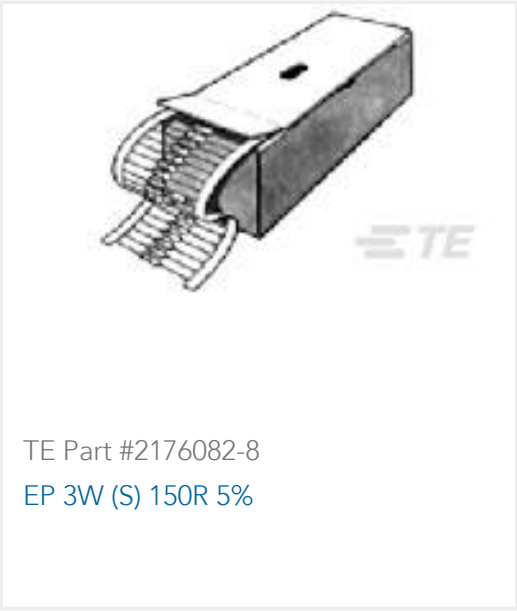
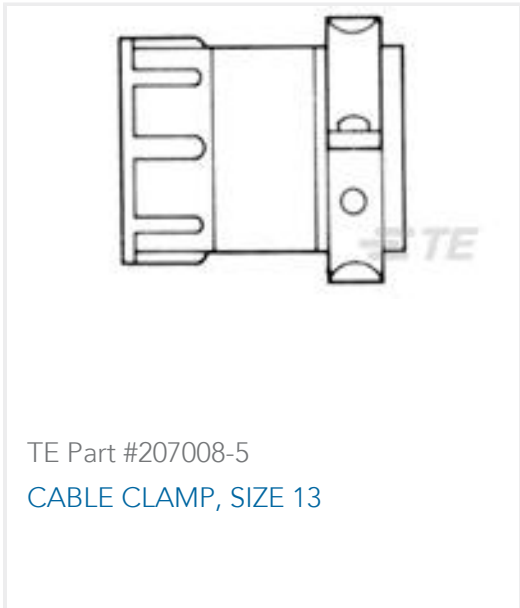


Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



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