

HD36-18-6PN ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-18-6PN

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

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Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

Number of Positions: **6**

Sealable: **Yes**

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

Connector Position Assurance Capable: **No**

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

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Panel
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Seal Code	N Seal
Number of Positions	6

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
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Contact Features

Contact Size	Size 16, Size 4
Contact Type	Pin
Mating Pin Diameter	1.59 mm, 5.7 mm [.063 in][.225 in]
Contact Current Rating (Max)	13 A, 100 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Aluminum Alloy
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Dimensions

Compatible Insulation Diameter Range	2.5 – 3.4 mm, 6.6 – 7.4 mm [.1 – .134 in][.261 – .292 in]
Product Width	43 mm [1.69 in]
Product Length	43 mm [1.69 in]
Connector Height	44.4 mm [1.75 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
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Packaging Features

Packaging Quantity	1
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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: JAN 2025 (247) 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

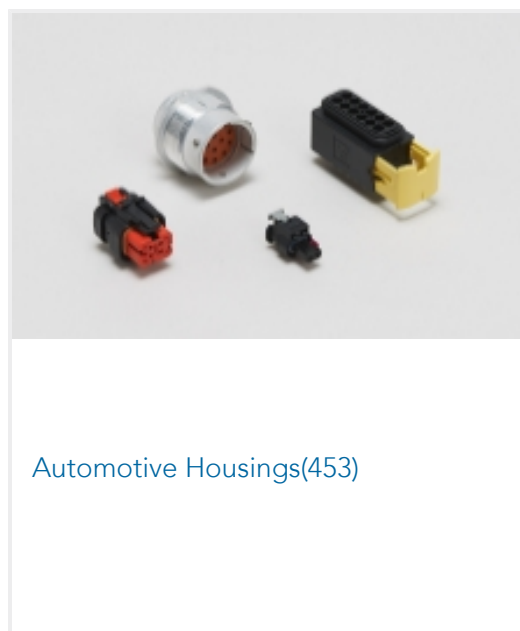
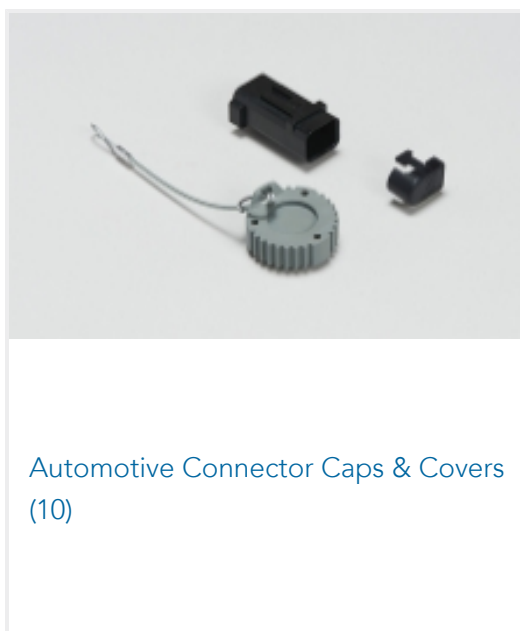
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



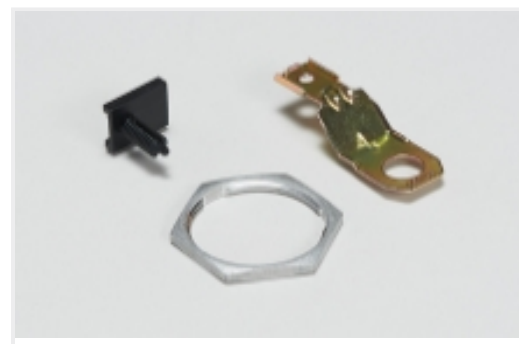
Automotive Housings(453)



Automotive Seals & Cavity Plugs(11)



Connector Strain Relief(6)



Other Automotive Connector Accessories(12)

Customers Also Bought



TE Part #CAT-J41-DDIC
DEUTSCH DT Integrated Component



TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #HDP26-24-7SN-C038
PLG, 7P, BLK, N, 4AWG, 4/16, S



TE Part #1SNK905310R0000
JB5-10



TE Part #1SNK705010R0000
ZK2.5



TE Part #DT06-6S-EP11
PLG, 6P, BLK, N, SEAL RET, XCAP

Documents

Product Drawings

PLG, 6P, AL, N, 4/16, P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_HD36-18-6PN_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-18-6PN_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-18-6PN_C1.3d_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

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English