

HD36-18-6PN ✓ ACTIVE

DEUTSCH | DEUTSCH HD30, DEUTSCH HD

TE Internal #: HD36-18-6PN

12 V / 24 V, 6 Position, Automotive Housing for Male Terminals,
Wire-to-Panel, Sealable, Wire & Cable, Power, Panel Mount, Hybrid

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



Nominal Voltage Architecture: 12 V, 24 V

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

Number of Positions: **6**

Sealable: **Yes**

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

[All DEUTSCH HD30 Housings \(324\)](#)

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
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Nominal Voltage Architecture	12 V, 24 V
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Body Features

Cable Exit Angle	180 °
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Contact Features

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

Strain Relief	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Polarizing Slot
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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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]
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Product Width	43 mm [1.69 in]
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Product Length	43 mm [1.69 in]
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Connector Height	44.4 mm [1.75 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operating Temperature (Max)	125 °C [257 °F]
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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
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

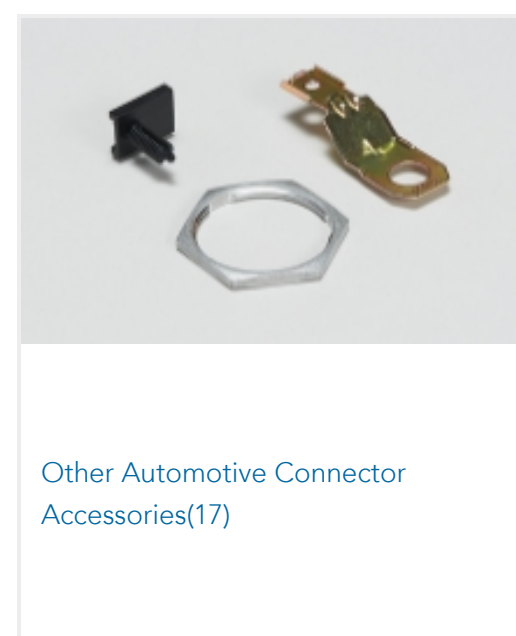
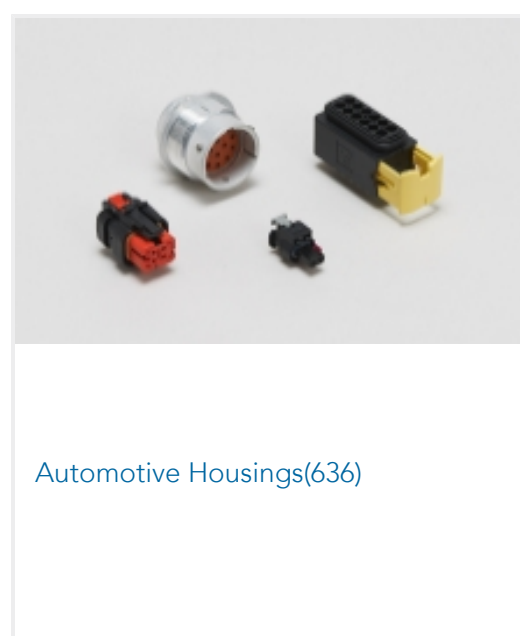
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





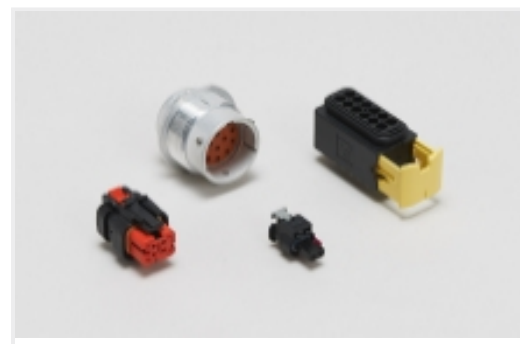
Also in the Series | **DEUTSCH HD30**



Also in the Series | **DEUTSCH HD**



Automotive Connector Caps & Covers (47)



Automotive Housings(636)



Automotive Seals & Cavity Plugs(10)

Customers Also Bought



TE Part #DRC26-38S01-P017
PLG, 38P, BLK, N, SS CLIP, 01



TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #DT04-4P-P021
REC, 4P, GRY, BUSBAR, NICKEL



TE Part #2286014-1
TPA, LED, ASSY

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