

HD36-18-8SN ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-18-8SN

Housing for Female Terminals, Wire-to-Wire, 8 Position, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

Number of Positions: **8**

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

Sealable: **Yes**

Mating Pin Diameter: **2.39 mm [.094 in]**

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

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Seal Code	N Seal
Number of Positions	8

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
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Contact Features



Contact Size	Size 12
Contact Type	Socket
Mating Pin Diameter	2.39 mm[.094 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Aluminum
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Dimensions

Connector Height	42.97 mm[1.692 in]
Product Width	42.97 mm[1.692 in]
Product Length	38.61 mm[1.52 in]
Compatible Insulation Diameter Range	3.4 - 4.32 mm[.134 - .17 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	200
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance



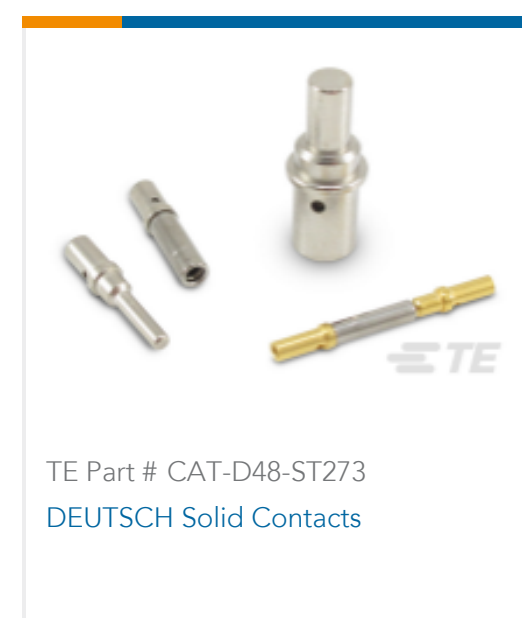
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

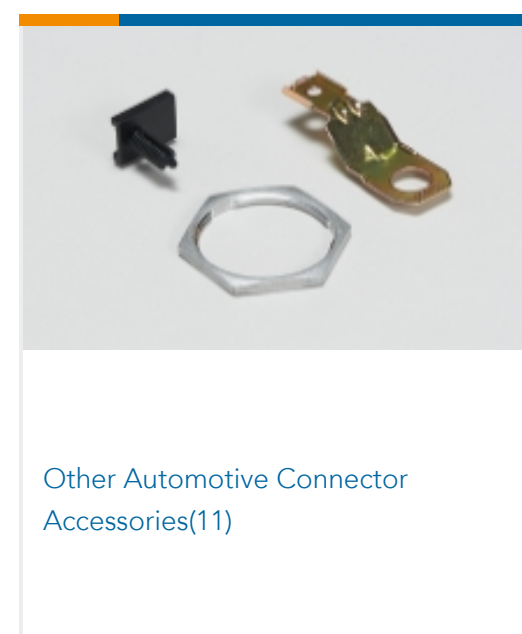
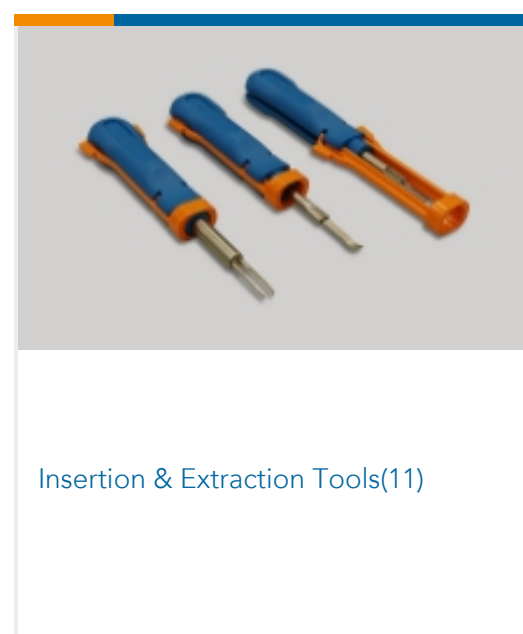
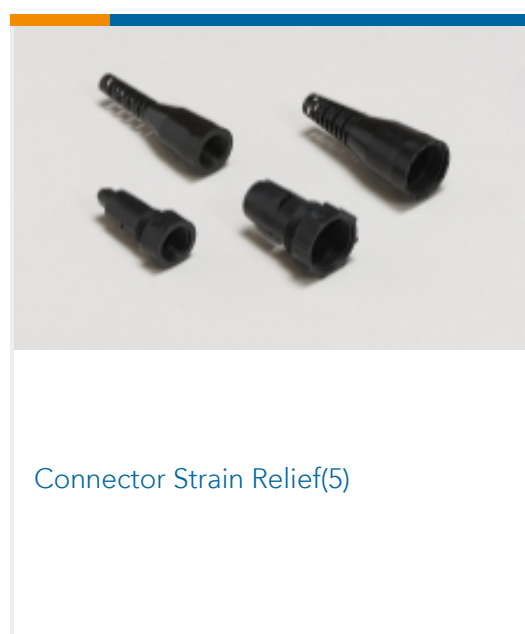
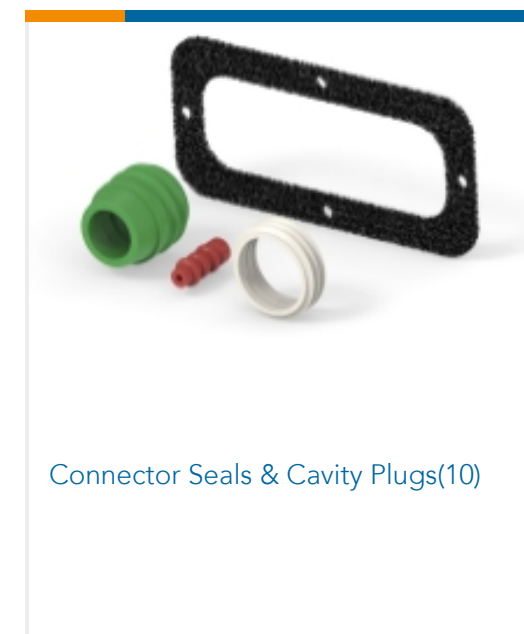
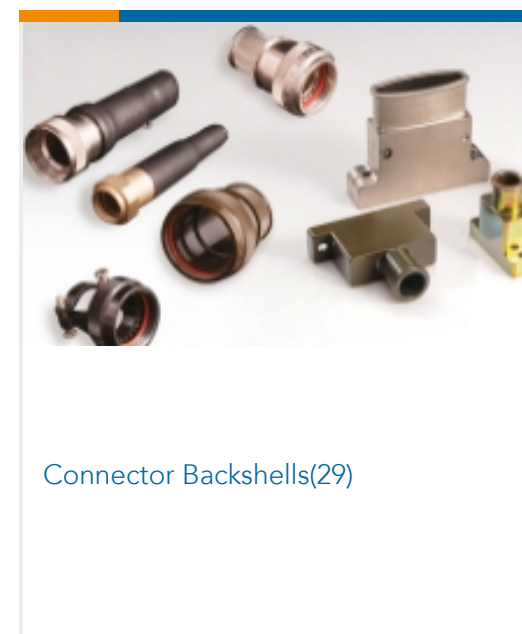
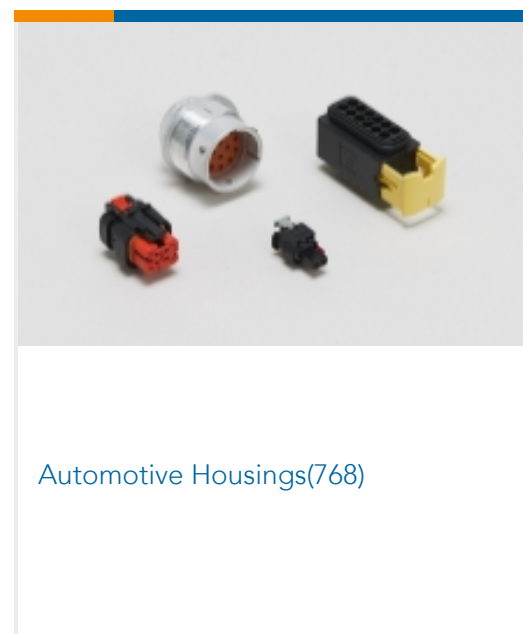
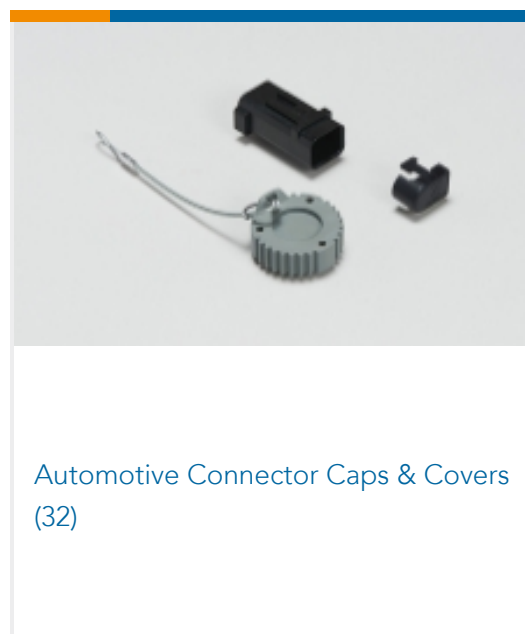
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





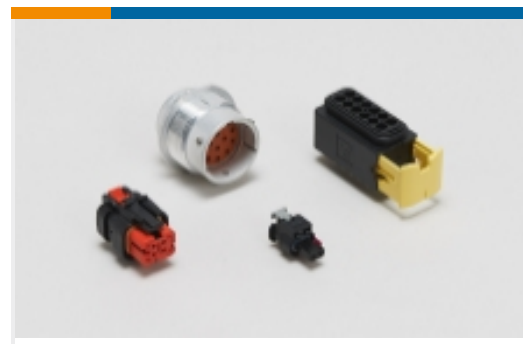
Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



Automotive 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)

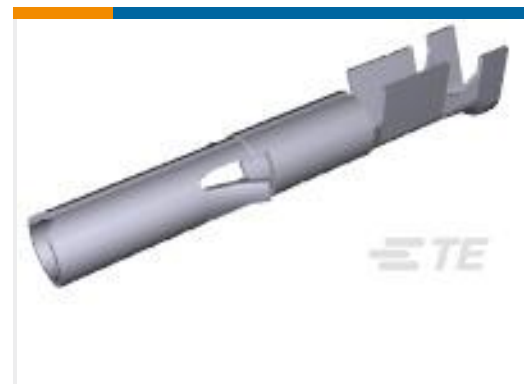
Customers Also Bought



TE Part # HD36-18-14SN
DEUTSCH HD30 Housings



TE Part # 1-967626-1
AMP MCP Unsealed Connector Housings



TE Part # 350689-3
UMNL SOK 24-18 PTPPHBZ L/P



TE Part # HD30-18BT
BOOT, 18SZ, ST, GRY



TE Part # 0513-012-4006
SEAL, INTF, 40P, BRN, AEC

Documents

Product Drawings
PLG, 8P, AL, N, 12, S

English

CAD Files
Customer View Model
ENG_CVM_CVM_HD36-18-8SN_99.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_HD36-18-8SN_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-18-8SN_99.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English