

HD36-24-31ST-059

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-24-31ST-059

Housing for Female Terminals, Wire-to-Wire, 31 Position, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



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

Mating Pin Diameter: **1.59 mm [ .063 in ]**

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

Number of Positions: **31**

Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(357\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Cable Clamp
Connector Seal Code	T Seal
Number of Positions	31

Electrical Characteristics

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

Body Features

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Cable Exit Angle	180°
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Body Material	Aluminum
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Contact Features

Contact Size	Size 16
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Contact Type	Socket
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Mating Pin Diameter	1.59 mm[.063 in]
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Contact Current Rating (Max)	13 A
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	With
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Mating Alignment Type	Guide Slot
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Product Width	49.32 mm[1.942 in]
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Product Length	81.05 mm[3.191 in]
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Product Height	49.32 mm[1.942 in]
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Accepts Wire Insulation Diameter Range	2.23 – 2.69 mm[.088 – .106 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP67
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Packaging Features

Packaging Quantity	80
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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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 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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-H3930-CH8172  
DEUTSCH HD30 HOUSINGS



TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



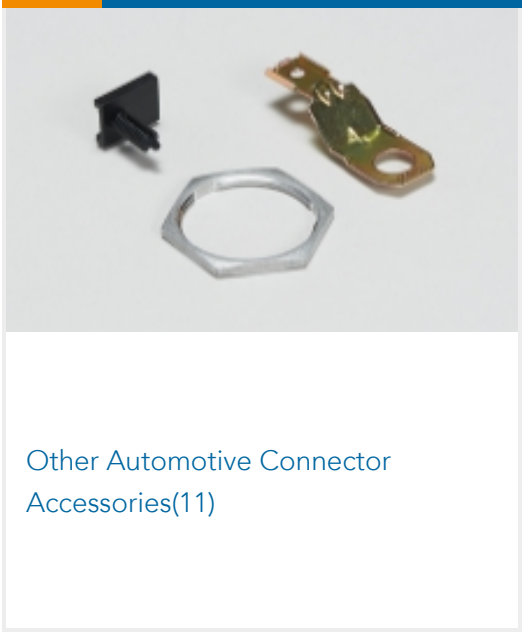
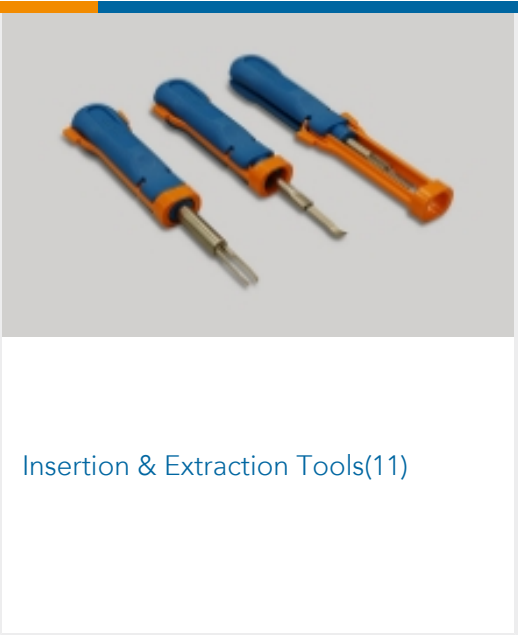
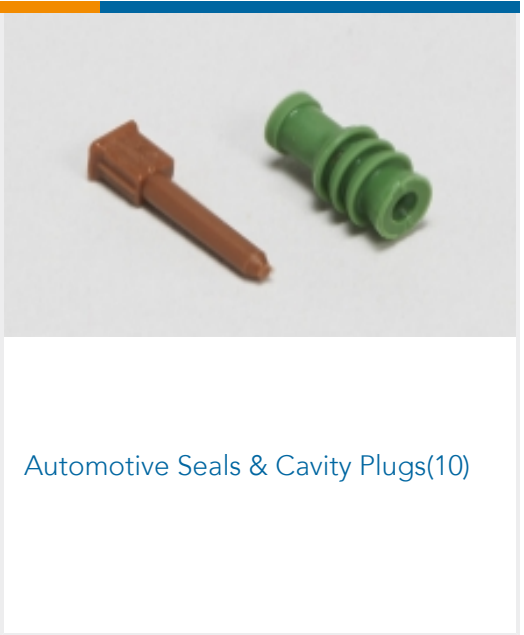
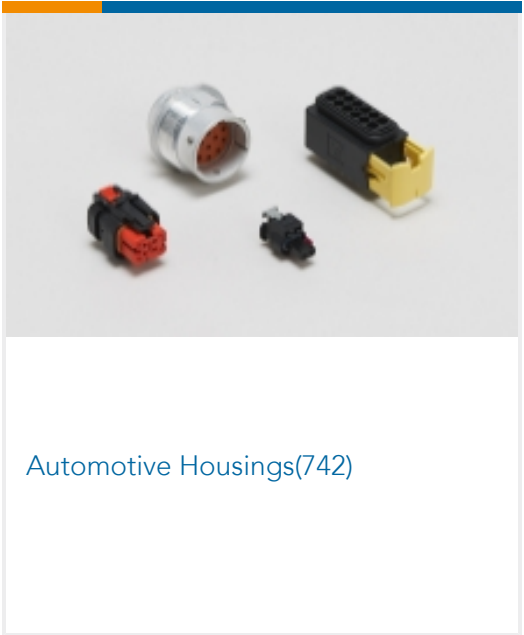
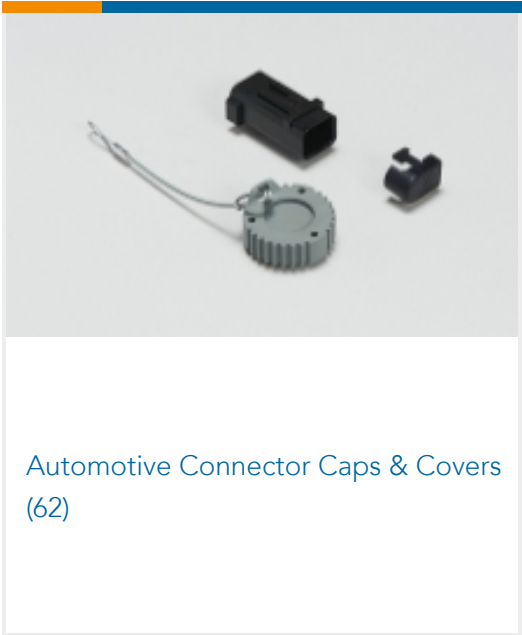
TE Part # CAT-H3930-PC8382  
DEUTSCH HD30 PLUG PROTECTIVE CAPS



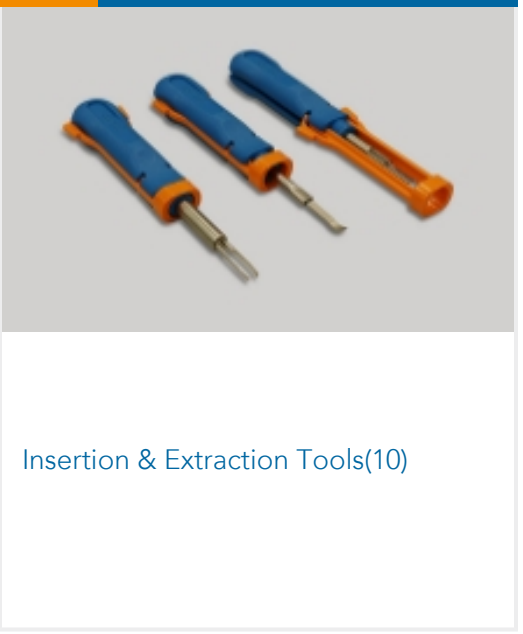
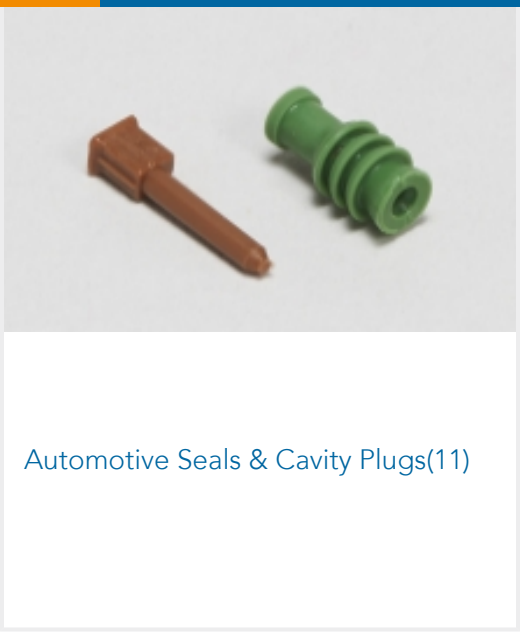
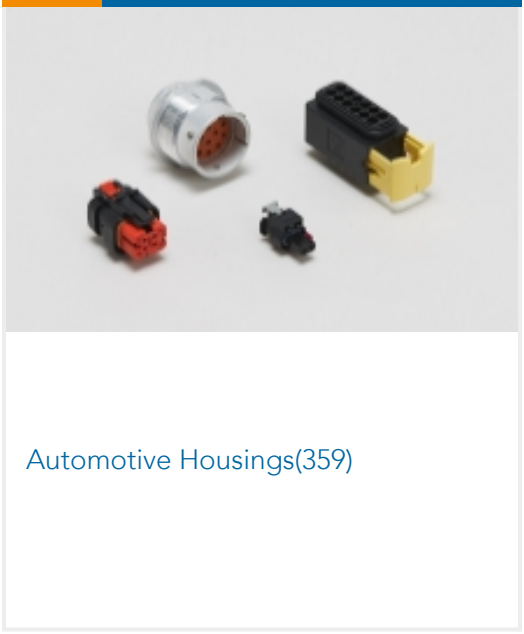
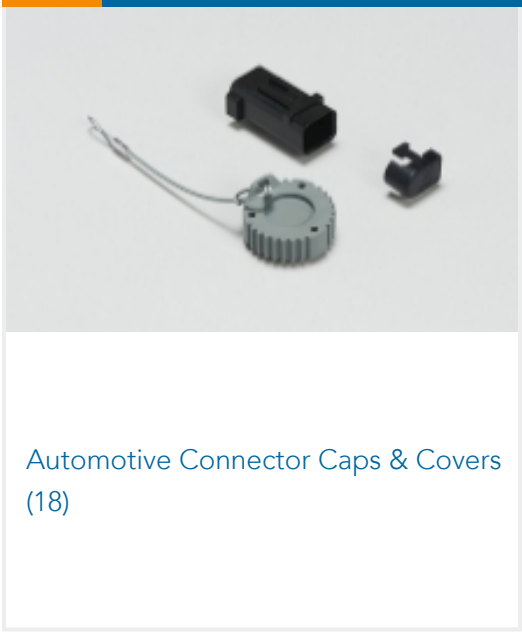
TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



Also in the Series | DEUTSCH HD



Also in the Series | DEUTSCH HD30





Other Automotive Connector Accessories(6)

Customers Also Bought



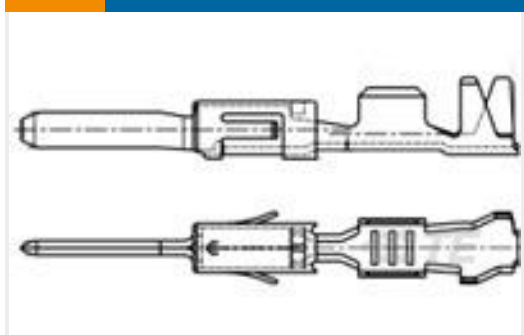
TE Part #HD34-24-31PT-059  
DEUTSCH HD30 HOUSINGS



TE Part #1-967629-4  
FLACHSTE-GEH2,8 18P



TE Part #1028-017-0005  
ADPTR, BKSHL, 6,8P, BLK, RA, NW 10 /13



TE Part #963903-1  
TAB A 1.6x0.6 CONTACT CS SWS Sn (LP)

Documents

Product Drawings

PLG,31P,AL,T, CBL CLMP BT, DRAIN,16,S,MC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_HD36-24-31ST-059\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD36-24-31ST-059\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_HD36-24-31ST-059\_B.3d\_stp.zip

English

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

Product Specifications

Application Specification

English