

# HD36-24-35PN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-24-35PN-059

Housing for Male Terminals, Wire-to-Wire, 35 Position, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), -67 – 257 °F [-55 – 125 °C]

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

Mating Pin Diameter: 1.02 mm, 1.59 mm [ .04 in, .063 in ]

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

Number of Positions: **35**

Sealable: **Yes**

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

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Connector Modification	Cable Clamp
Connector Seal Code	N Seal
Number of Positions	35



### 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 16, Size 20
Contact Type	Pin
Mating Pin Diameter	1.02 mm, 1.59 mm [.04 in][.063 in]
Contact Current Rating (Max)	7.5 A, 13 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
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	49.32 mm [1.942 in]
Product Width	49.32 mm [1.942 in]
Product Length	81.05 mm [3.191 in]
Accepts Insulation Diameter Range	1.02 – 2.41 mm, 2.54 – 3.4 mm [.04 – .095 in][.1 – .134 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	80
Packaging Method	Box

**Other**

Serviceable	Yes
Connector Position Assurance Capable	No

**Product Compliance**

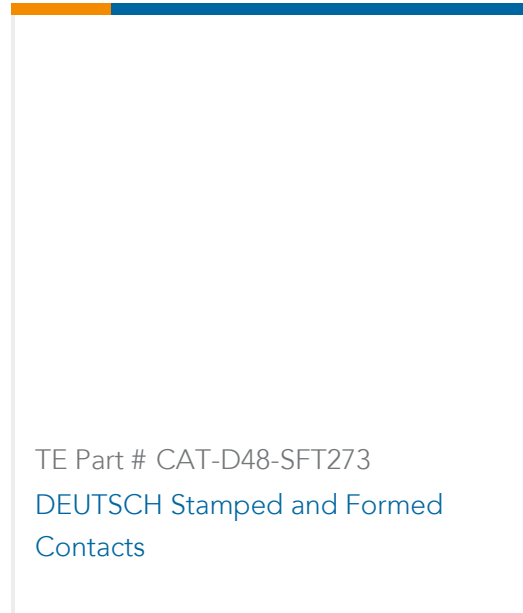
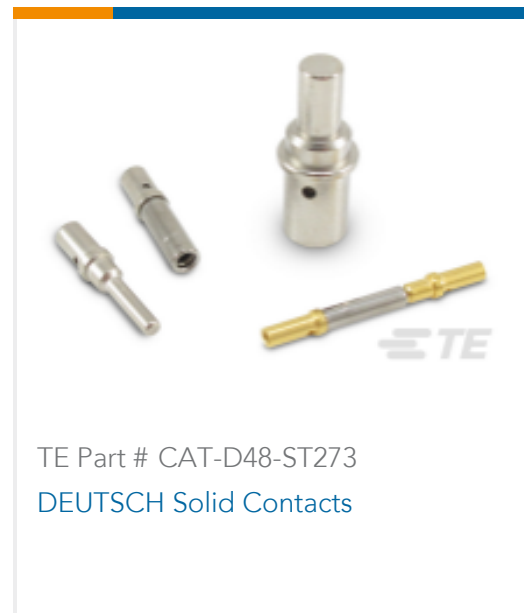
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% in Component Part) <b>Article Safe Usage Statements:</b> 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

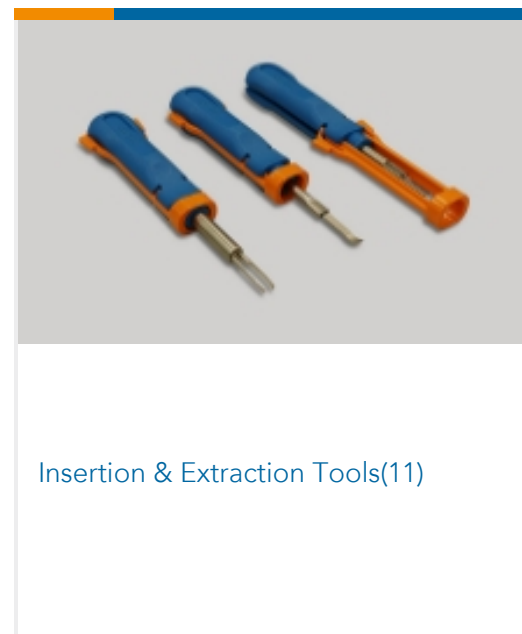
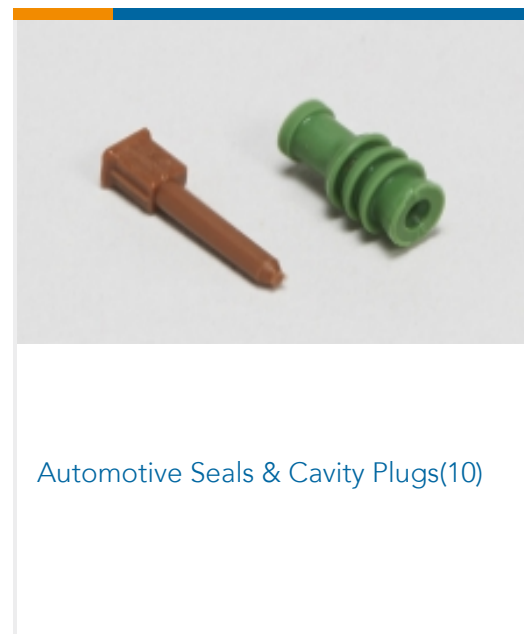
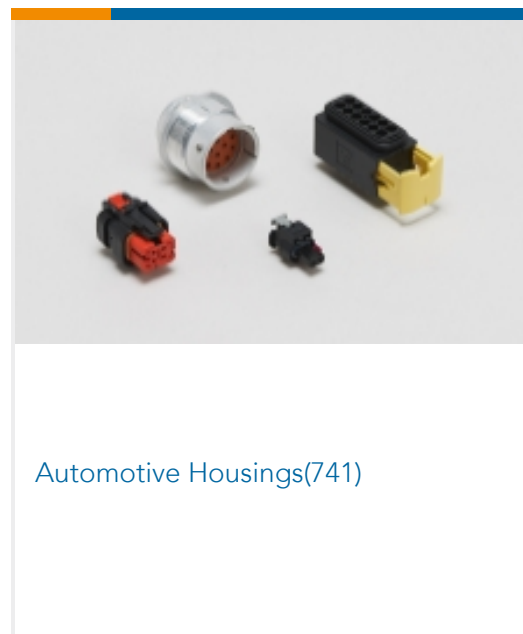
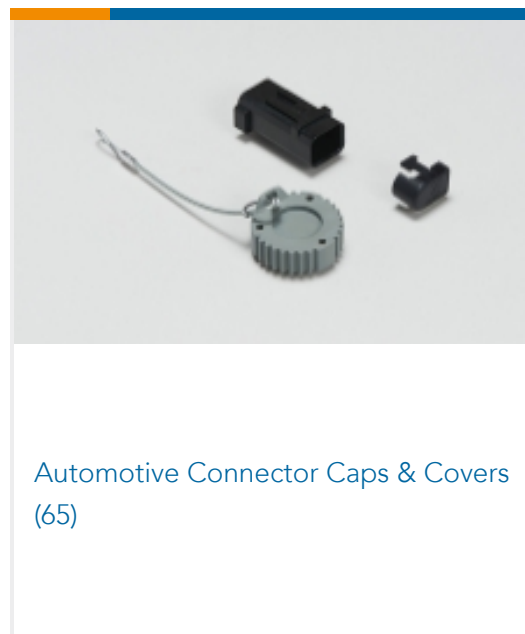
Product Compliance Disclaimer

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**

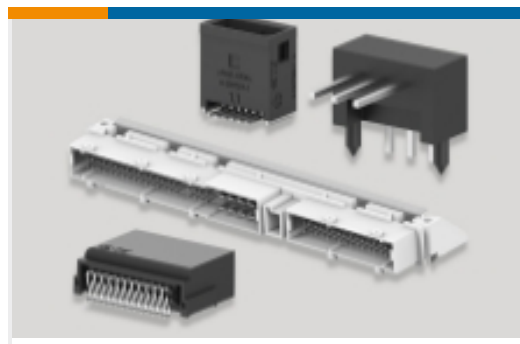


Also in the Series | **DEUTSCH HD**





Other Automotive Connector Accessories(11)

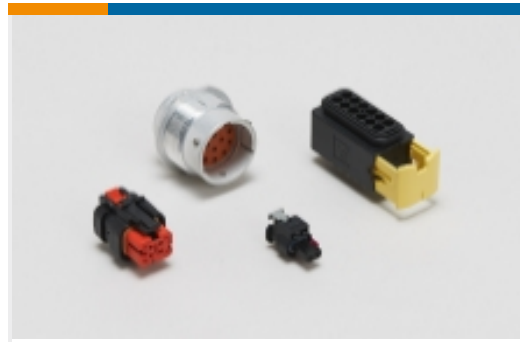


PCB Headers & Receptacles(1)

## Also in the Series | DEUTSCH HD30



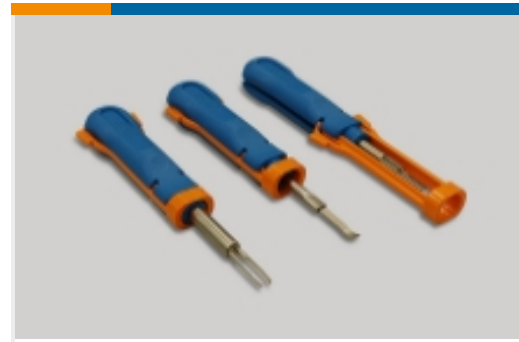
Automotive Connector Caps & Covers (20)



Automotive Housings(358)



Automotive Seals & Cavity Plugs(11)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

## Customers Also Bought



TE Part #DRC12-70PB  
REC, 70P, BLK, N, FLANGE, B



TE Part #HD36-24-29PE-059  
DEUTSCH HD30 Housings



TE Part #HDC36-18-1E  
DUST CAP, 18SZ, REC, AL, NO  
LANYARD,HD30



TE Part #1SNA114202R2500  
SCF61

## Documents

### Product Drawings

[PLG,35P,AL,N,CBLCLMPBT,DRAIN,16/20,P,MC](#)

English

### CAD Files

[3D PDF](#)



3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_HD36-24-35PN-059\\_C1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_HD36-24-35PN-059\\_C1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_HD36-24-35PN-059\\_C1.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English