

HD36-24-35SN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

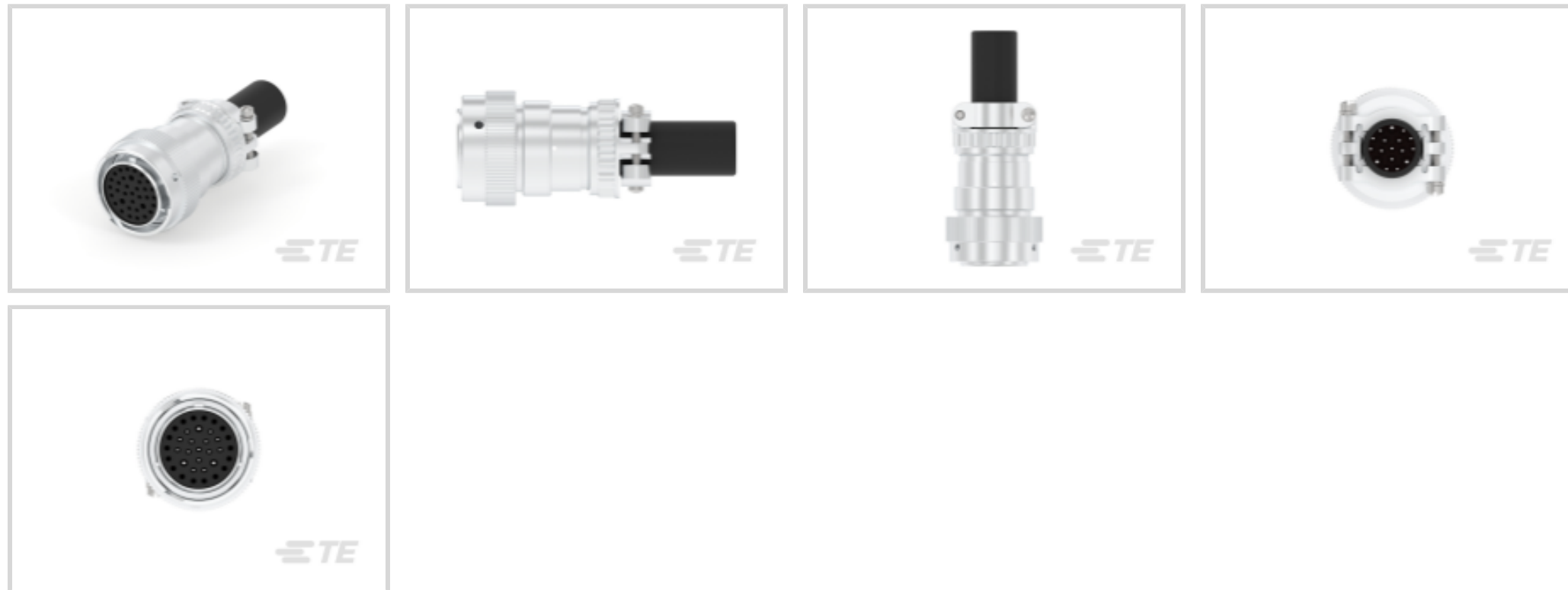
TE Internal #: HD36-24-35SN-059

Housing for Female Terminals, Wire-to-Wire, 35 Position, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 HOUSINGS



Connector & Housing Type: **Housing for Female 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 \(357\)](#)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Female 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
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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 20
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Contact Type	Socket
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Mating Pin Diameter	1.02 mm, 1.59 mm [.04 in] [.063 in]
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Contact Current Rating (Max)	7.5 A, 13 A
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Mechanical Attachment

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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Housing Features

Housing Material	Aluminum
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Dimensions

Connector Height	49.32 mm [1.942 in]
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Product Width	49.32 mm [1.942 in]
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Product Length	81.05 mm [3.191 in]
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Accepts Wire Insulation Diameter Range	1.02 – 2.41 mm, 2.54 – 3.4 mm [.04 – .095 in] [.1 – .134 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

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: JUNE 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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

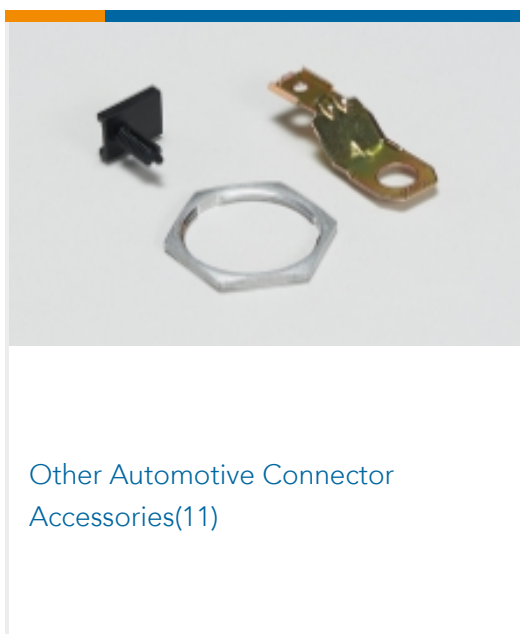
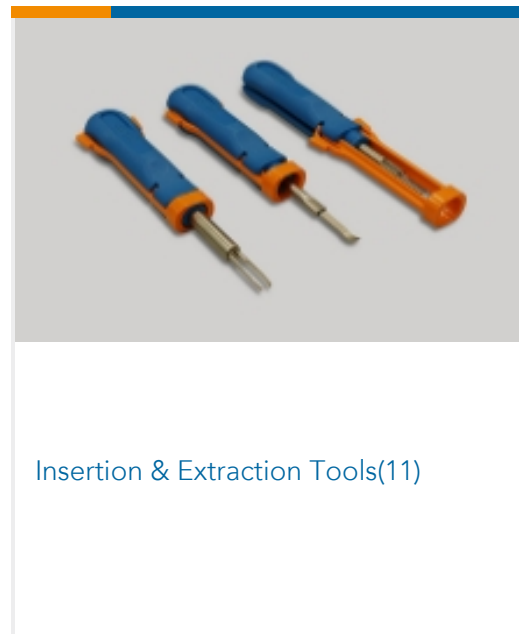
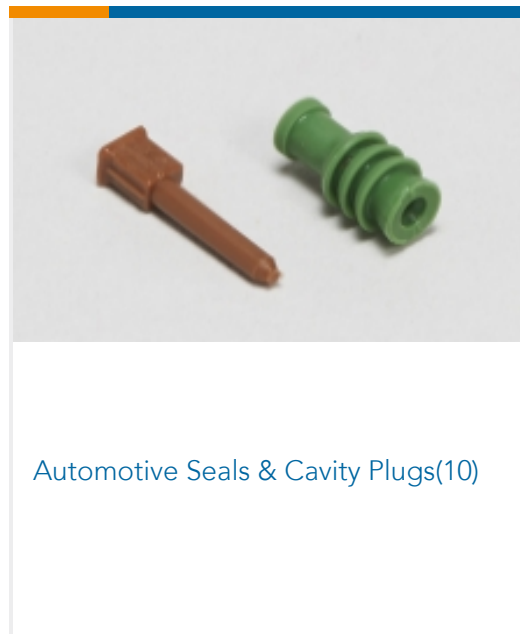
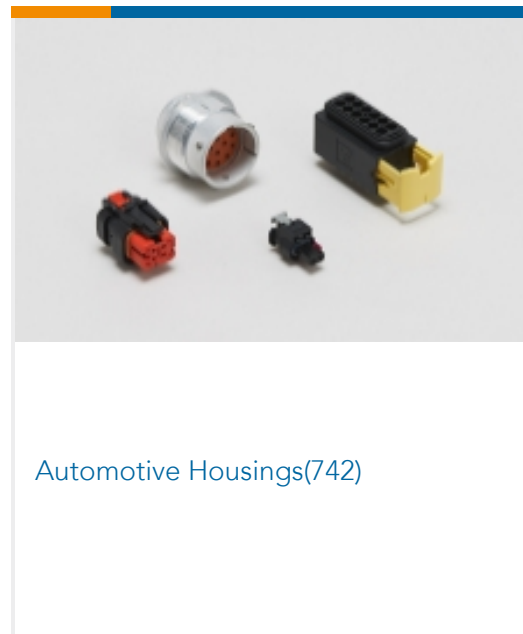
Product Compliance Disclaimer

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



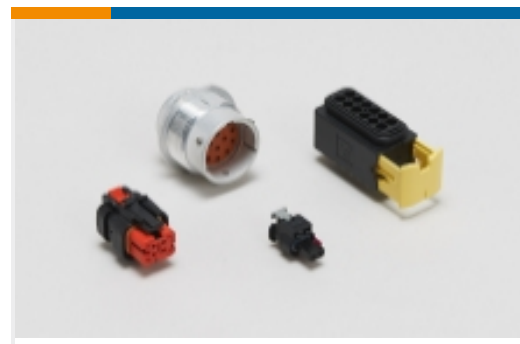
Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



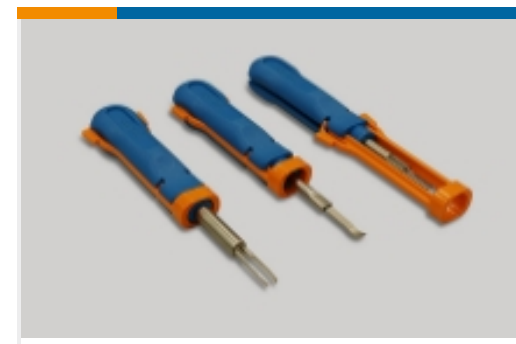
Automotive Connector Caps & Covers (18)



Automotive Housings(359)



Automotive Seals & Cavity Plugs(11)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #HDP26-24-31PE-L017
PLG, 31P, BLK, E, RNG, 16, P



TE Part #DRC26-50S04
PLG, 50P, BLK, N, 04



TE Part #1011-239-0605
DEUTSCH DT BACKSHELLS



TE Part #2411-001-2405
PANEL NUT, SIZE 24, HDP



TE Part #HD36-18-14PE-059
DEUTSCH HD30 HOUSINGS



TE Part #HD46-24-16SN-059
KT PL HD30 24 SHL 16 WY N SEAL
CLMP

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_HD36-24-35SN-059_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_HD36-24-35SN-059_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-24-35SN-059_A.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English