

HD36-24-35PN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD30, DEUTSCH HD

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

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



Number of Positions: **35**

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

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

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

Sealable: **Yes**

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

Features

Industry Standards

IP Rating	IP67
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Housing Features

Housing Material	Aluminum
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Body Features

Cable Exit Angle	180°
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Dimensions

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

Packaging Features



Packaging Quantity	80
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Packaging Method	Box
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Mechanical Attachment

Strain Relief	With
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Terminal Position Assurance	No
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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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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Electrical Characteristics

Operating Voltage	250 VDC
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Nominal Voltage Architecture	24 V, 12 V
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Contact Features

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

Mixed & Hybrid Connector	Yes
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Connector Shape	Circular
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Connector & Housing Type	Housing for Male Terminals
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Connector System	Wire-to-Wire
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Sealable	Yes
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Primary Locking Feature	Integrated in Housing
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Connector & Contact Terminates To	Wire & Cable
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Configuration Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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




TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # 1060-20-0622
PIN, SF, SIZE 20, 14-16, NI/NI



TE Part # 1060-20-0277
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part # 1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part # CAT-H3930-PC8382
Plug Protective Caps - DEUTSCH HD30



TE Part # 1060-20-0122
PIN, SF, SIZE 20, 16-22, NI/NI



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1060-20-0222
PIN, SF, SIZE 20, 16-22, NI/NI




TE Part # 1060-20-0144
PIN, SF, SIZE 20, 16-22, AU/SN




TE Part # 1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN


Also in the Series | **DEUTSCH HD**



Automotive Headers(1)



Automotive Housings(359)



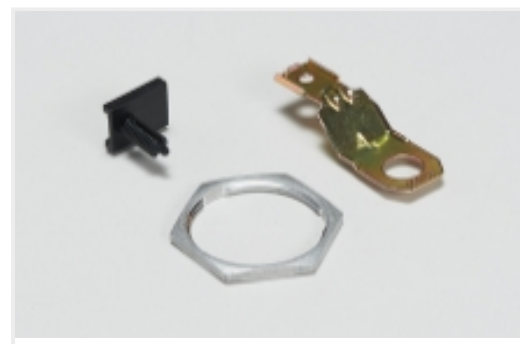
Connector Backshells(29)



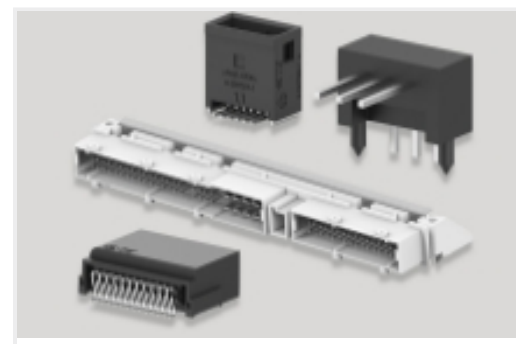
Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

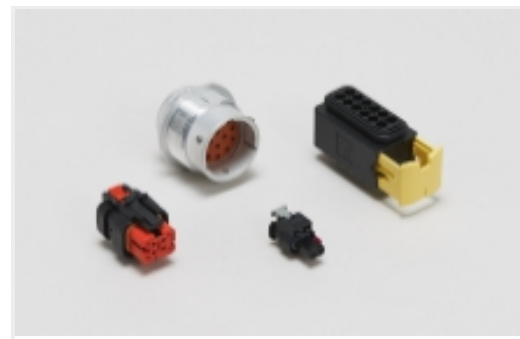


Wire-to-Board Headers & Receptacles (1)

Also in the Series | DEUTSCH HD30



Automotive Connector Caps & Covers (14)



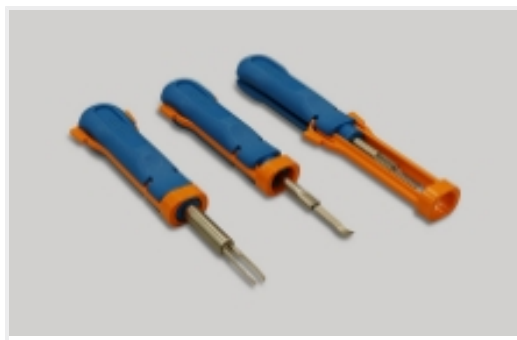
Automotive Housings(359)



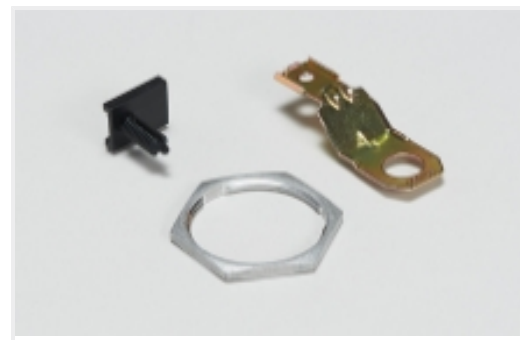
Connector Seals & Cavity Plugs(11)



Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



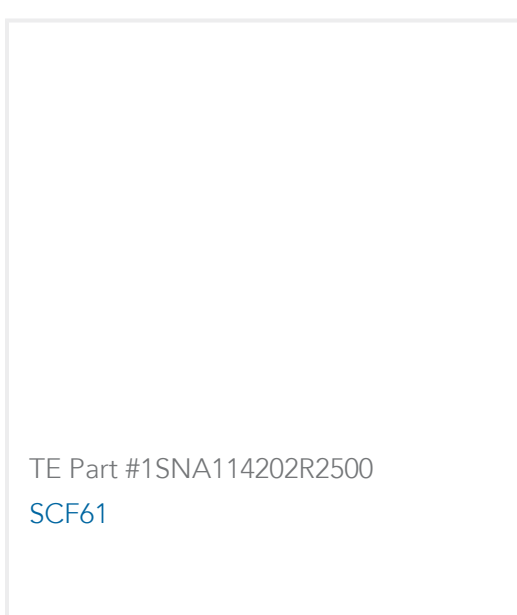
TE Part #HD30-18BT
BOOT, 18SZ, ST, GRY



TE Part #T4112511051-000
M12 F, 5P GOLD D_CODE RA
SHIELDED PG7



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



TE Part #1SNA114202R2500
SCF61



Documents

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

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Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English