

HD36-18-20PN ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-18-20PN

Hybrid, Housing for Male Terminals, Wire-to-Wire, 20 Position,
Sealable, Green, Power & Signal

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



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

Mating Pin Diameter: **.99 mm, 1.56 mm [.039 in, .062 in]**

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

Number of Positions: **20**

Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(324\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Strain Relief	No

Configuration Features

Blank Cavity Position	0
Number of Positions	20

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Operating Voltage	250 VDC

Body Features

Cable Exit Angle	180°
Body Material	Other
Primary Product Color	Green



Contact Features

Mating Pin Diameter	.99 mm, 1.56 mm [.039 in] [.062 in]
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Mechanical Attachment

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Dimensions

Height	42.97 mm [1.692 in]
Length	42.97 mm [1.692 in]
Width	38.61 mm [1.52 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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Packaging Features

Packaging Method	Box
Packaging Quantity	200

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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per

homogenous material. Also BFR/CFR/PVC Free

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 Model / Part # CAT-H3930-M8649
DEUTSCH HD30 MOUNTING
HARDWARE



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



TE Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Model / Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Model / Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS



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



TE Model / Part # 0411-204-1605
EXT TOOL, SIZE 16, 16-18 AWG, N,
DRK BLU



TE Model / Part # 0411-240-2005
EXT TOOL, SIZE 20, 16-22 AWG, N,
RED



TE Model / Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N,
GRN



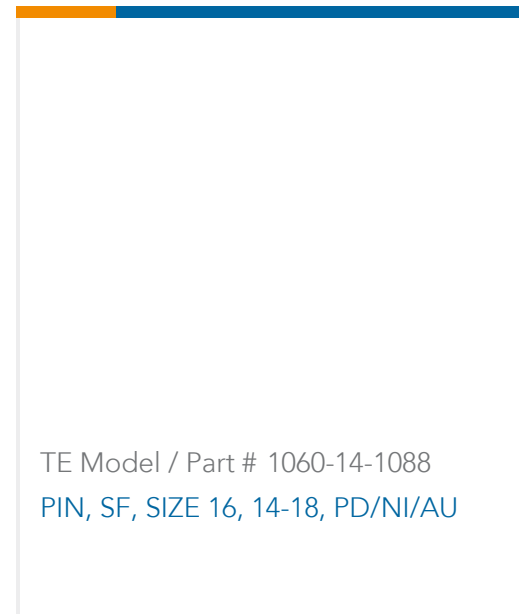
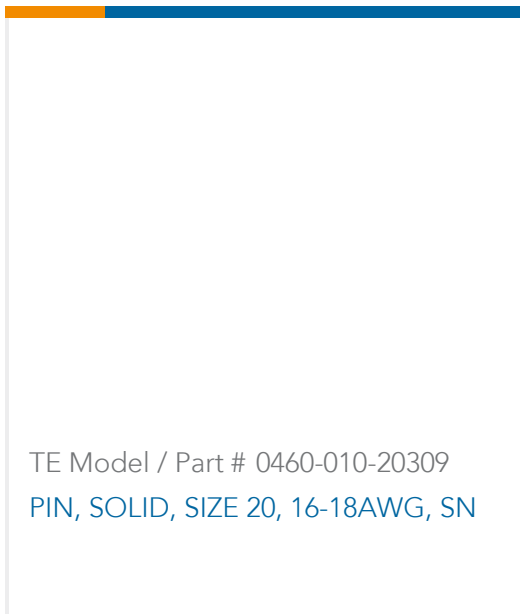
TE Model / Part # HD30-18BT
BOOT, 18SZ, ST, GRY



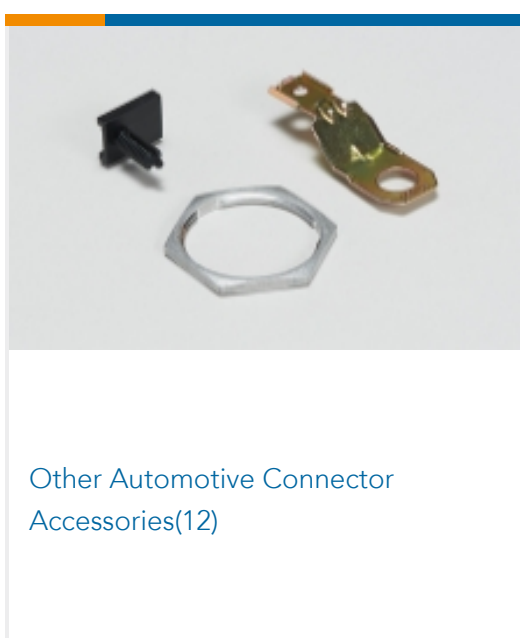
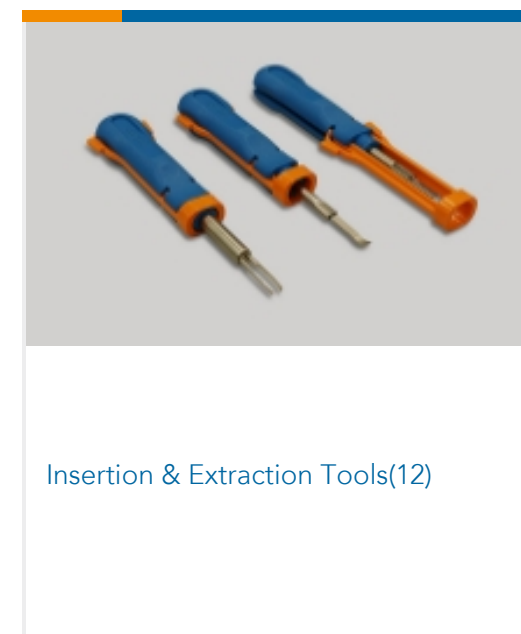
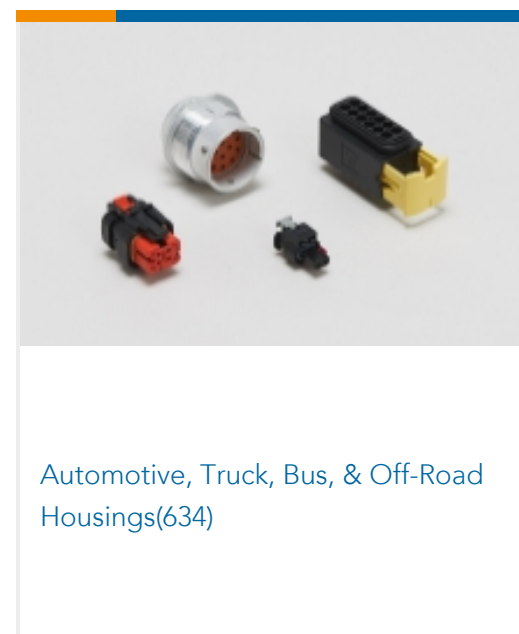
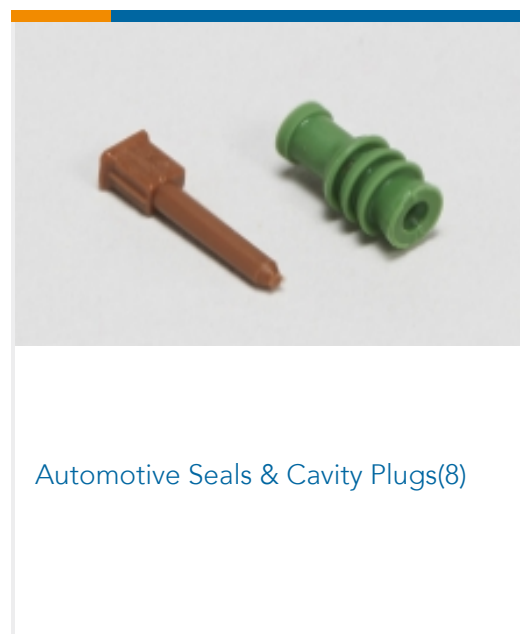
TE Model / Part # HDC34-18-1E
DUST CAP, 18SZ, PLG, AL, NO
LANYARD,HD30



TE Model / Part # WHDS-18-2
STRAIN RELIEF, 18SZ, RA



Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers (13)



Automotive Seals & Cavity Plugs(8)



Automotive, Truck, Bus, & Off-Road Housings(326)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(8)

Customers Also Bought



TE Model / Part #HDC34-24-1E
DUST CAP, 24SZ, PLG, AL, NO
LANYARD,HD30



TE Model / Part #HD30-18BT-BK
BOOT, 18SZ, ST, BLK



TE Model / Part #3-1904131-7
V23134A4064X551-EV-CBOX

Documents

Product Drawings

PLG, 20P, AL, N, 16/20, P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_HD36-18-20PN_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-18-20PN_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-18-20PN_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

English