

M902-2054 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD10

TE Internal #: M902-2054

Automotive Connector Caps & Covers, Backshell, Cable Exit Angle

180°, Black, PBT, 18 / 19 / 21 Position, -40 – 273 °F [-40 – 134 °C],

DEUTSCH HD10

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers > DEUTSCH HD10 Backshells



Protection & Strain Relief Accessory Type: **Backshell**

Cable Exit Angle: **180°**

Strain Relief: **With**

Primary Product Color: **Black**

Primary Product Material: **PBT**

[All DEUTSCH HD10 Backshells \(17\)](#)

Features

Product Type Features

Protection & Strain Relief Accessory Type	Backshell
Sealable	No

Configuration Features

Number of Positions	7, 9, 14, 16, 18, 19, 21, 23, 29, 31, 33, 35, 47
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Primary Product Material	PBT

Mechanical Attachment

Strain Relief	With
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Dimensions

Compatible Cable Bundle Diameter Range	0 – 18.03 mm[0 – .71 in]
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Usage Conditions

Compatible With Connector Style	Plug, Receptacle
Operating Temperature (Max)	134 °C[273 °F]



Operating Temperature Range	-40 – 134 °C[-40 – 273 °F]
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Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
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Product Compliance

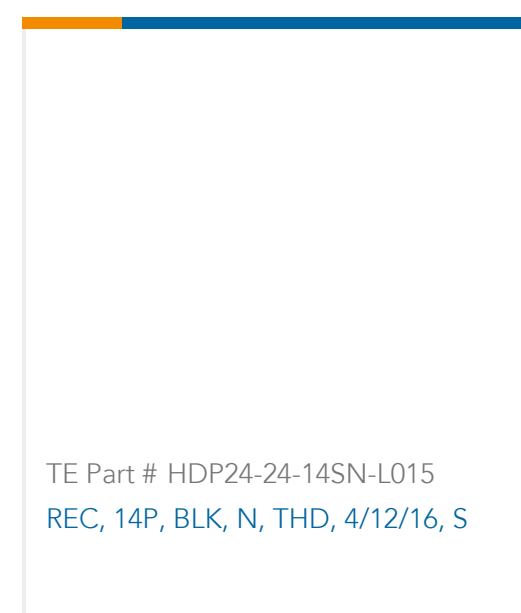
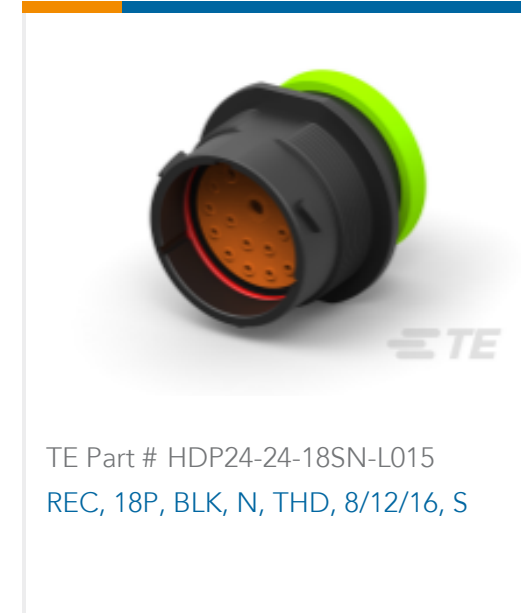
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: TBBPA (11% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. 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**



Automotive Connector Caps & Covers (65)



Automotive Housings(741)



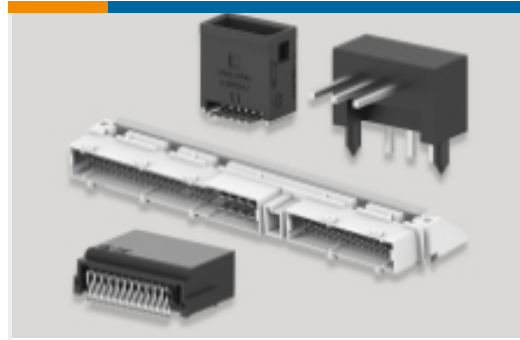
Automotive Seals & Cavity Plugs(10)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

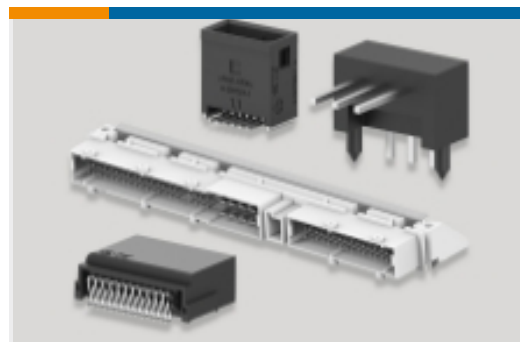
Also in the Series | DEUTSCH HD10



Automotive Connector Caps & Covers (34)



Automotive Housings(53)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #HDP26-24-33PN-L015
DEUTSCH HDP20 Housings



TE Part #HD10-6-12P-E004
SQ FG REC ASM



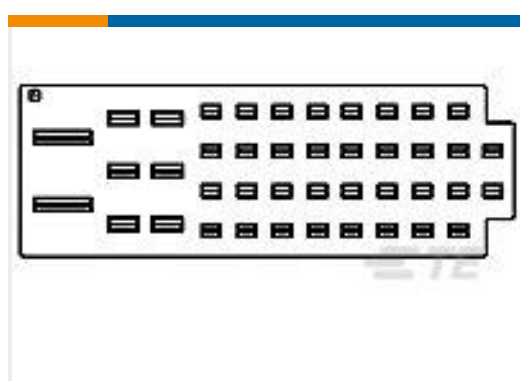
TE Part #M902-2164
BKSHL, 6SZ, CBL SZ .570-.710, HD10



TE Part #M902-2243
BKSHL, 24SZ, CBL SZ .430-.570, HDP L015



TE Part #1-1718485-5
CARRIER FOR RECEPT. INSERTS 36 POS



TE Part #967378-1
DICHTUNG



TE Part #DRCP24-86PA
REC, 86P, BLK, 12/20, A



Documents

Product Drawings

[COMP NUT, 6/9/24SZ,CBL SZ .570-.710,HD10](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_M902-2054_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_M902-2054_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_M902-2054_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English