

HDP24-24-23PE-L015 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: HDP24-24-23PE-L015

Hybrid, Housing for Male Terminals, Wire-to-Wire, 23 Position, Sealable, Black, Wire & Cable, 13A Contact Current Rating (Max), Signal

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

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

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

Number of Positions: **23**

Sealable: **Yes**

Features

Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Clean Body
Connector & Contact Terminates To	Wire & Cable
Strain Relief	No

Configuration Features

Blank Cavity Position	0
Number of Positions	23

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Contact Features



Mating Pin Diameter	1.56 mm[.062 in]
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Contact Current Rating (Max)	13 A
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Mechanical Attachment

Terminal Position Assurance	No
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Mounting Feature	Without
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Polarized	Yes
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Dimensions

Height	58.67 mm[2.31 in]
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Length	47.63 mm[1.875 in]
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Width	50.8 mm[2 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
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Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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UL Flammability Rating	20mm Flame Test per Standard UL-94
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Packaging Features

Packaging Method	Box
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Packaging Quantity	120
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUN 2020 (209)

Candidate List Declared Against: JUL 2019 (201)

Does not contain REACH SVHC

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 Model / Part # CAT-H396-B128
DEUTSCH HDP20 BACKSHELLS



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



TE Model / Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS



TE Model / Part # CAT-H3910-B128
DEUTSCH HD10 BACKSHELLS



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



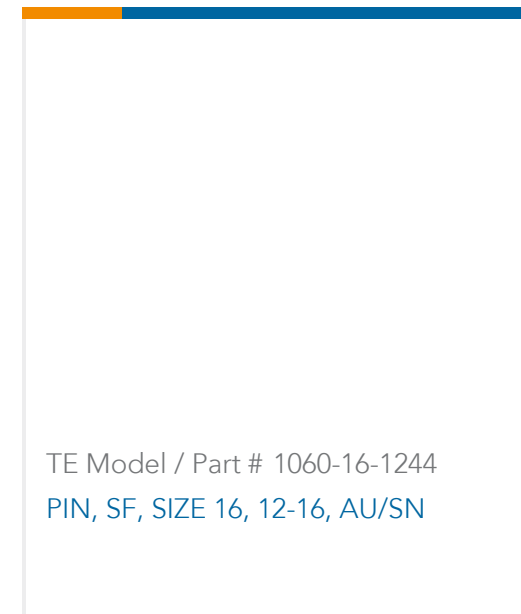
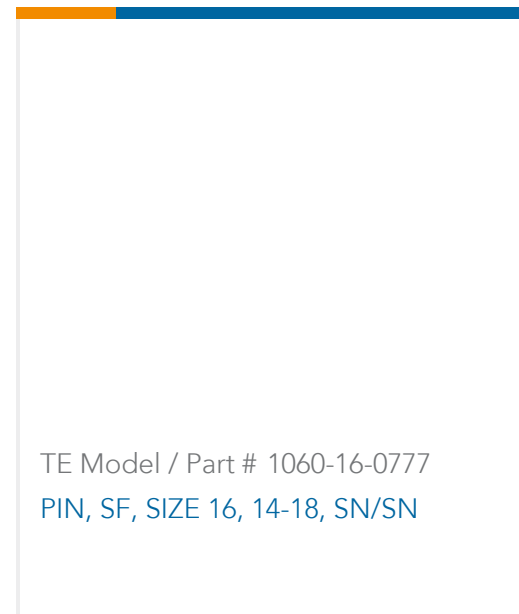
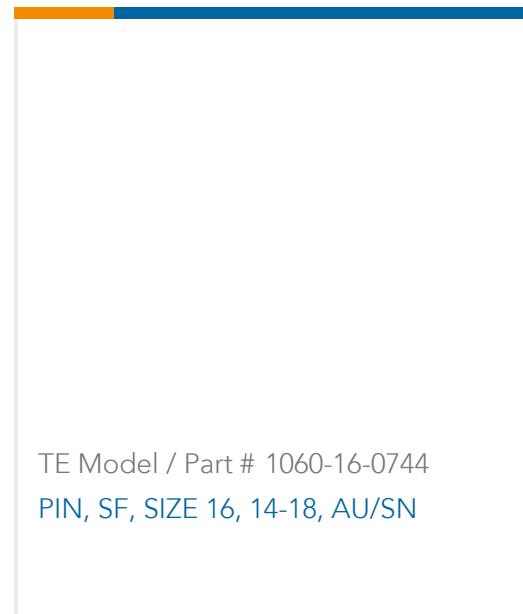
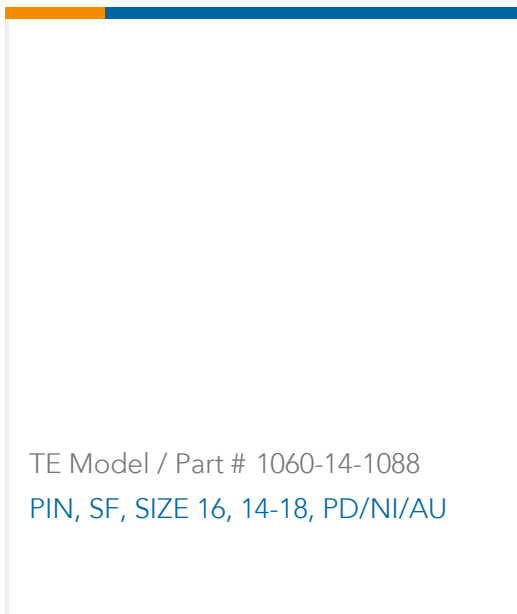
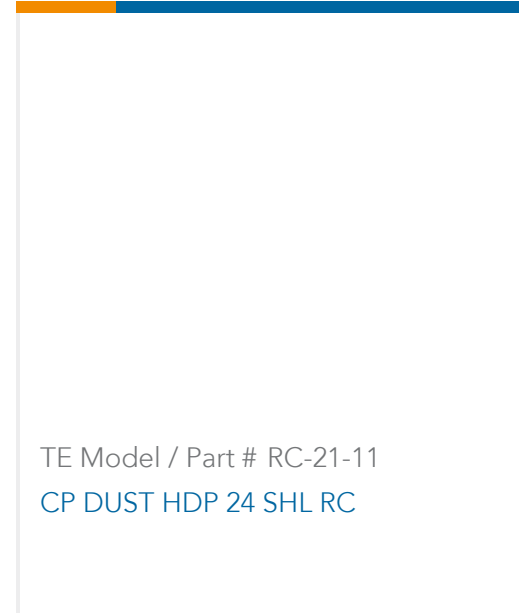
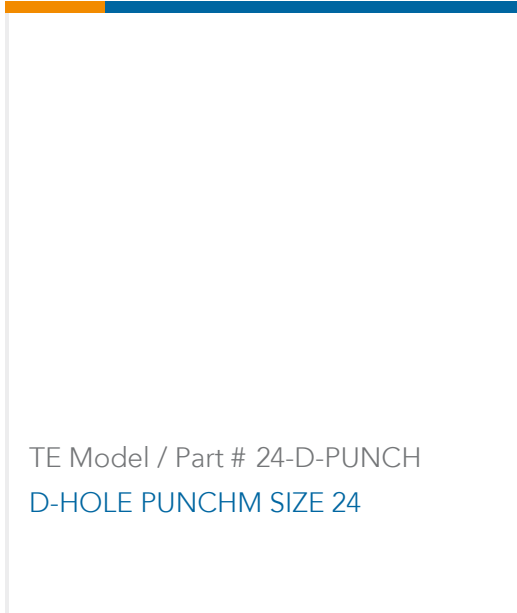
TE Model / Part # CAT-H396-RC8382
DEUTSCH HDP20 RECEPTACLE PROTECTIVE CAPS



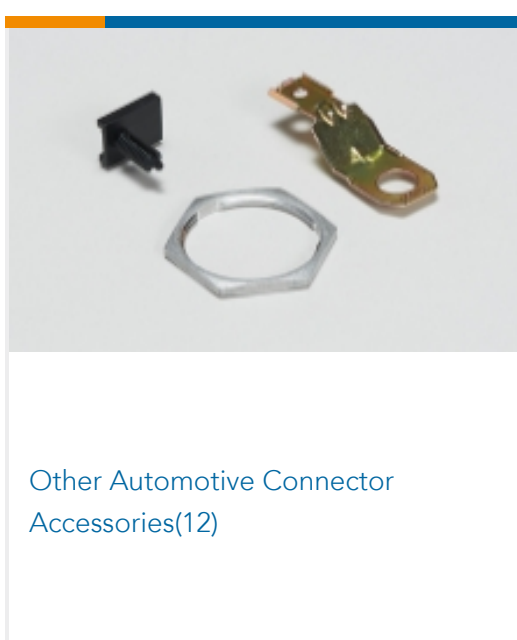
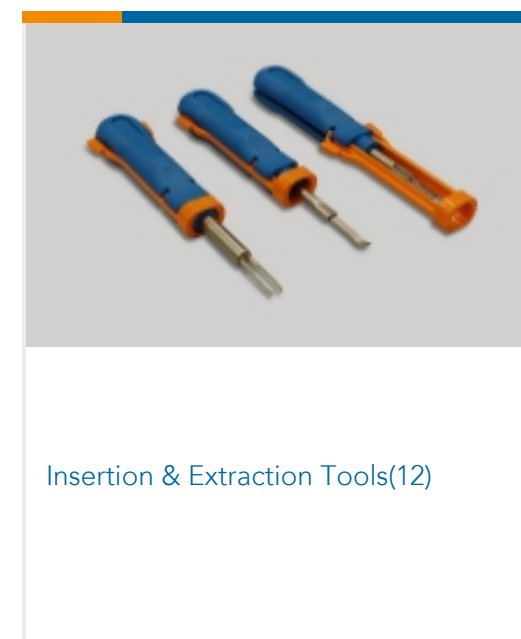
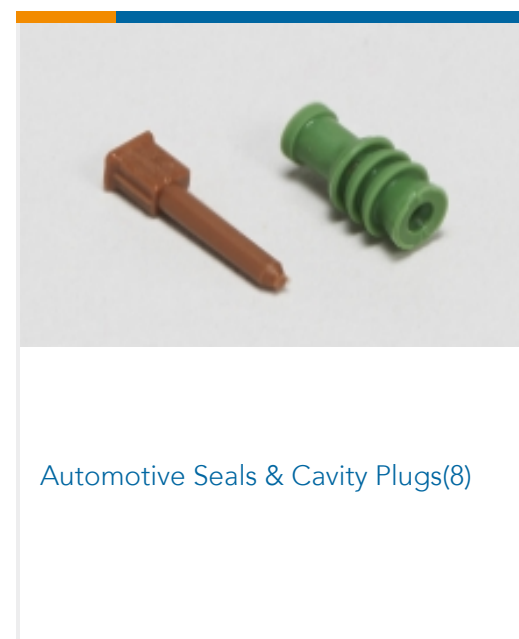
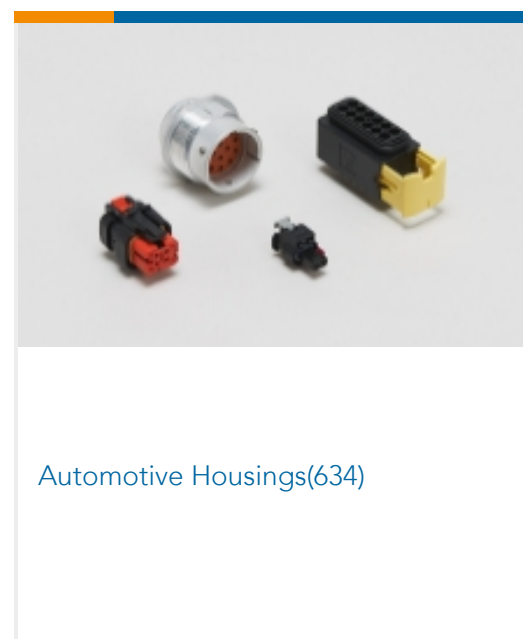
TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part # HD30-24BT
BOOT, 24SZ, ST, GRY



Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HDP**



Automotive Connector Caps & Covers (12)



Automotive Housings(260)



Other Automotive Connector Accessories(4)

Customers Also Bought



TE Model / Part #3315-015-0005
PROTECT CVR, 48/60P, PLG, YEL, DRB



TE Model / Part #2-456407-8
WIRE CRIMPER .100 F



TE Model / Part #HDP24-24-29PE-L015
REC, 29P, BLK, E, THD, 12/16/20, P



TE Model / Part #SRK-BS-FL-ST-001
BKSHL, FULL, BLK, ST, NW 22/26

Documents

Product Drawings

[REC, 23P, BLK, E, THD, 16, P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HDP24-24-23PE-L015_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP24-24-23PE-L015_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP24-24-23PE-L015_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English