HD34-24-35PN-059 ✔ ACTIVE

DEUTSCH | **DEUTSCH HD**, **DEUTSCH HD30**

TE Internal #: HD34-24-35PN-059

Housing for Male Terminals, Wire-to-Wire, 35 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

View on TE.com >

Connector & Housing Type: **Housing for Male 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 Male 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

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Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	Aluminum

Contact Features

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

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Guide Post
Mating Alignment	With
Connector Mounting Type	Panel Mount

Dimensions

Product Width	50.8 mm[2 in]
Product Length	84.28 mm[3.318 in]
Product Height	47.53 mm[1.875 in]
Accepts Wire Insulation Diameter Range	1.02 – 2.41 mm, 2.54 – 3.4 mm[.04 – .095 in][.1 – .134 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

Industry Standards

Degree of Protection	IP67

Packaging Features

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Packaging Quantity	80
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: JUL 2021 (219) 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 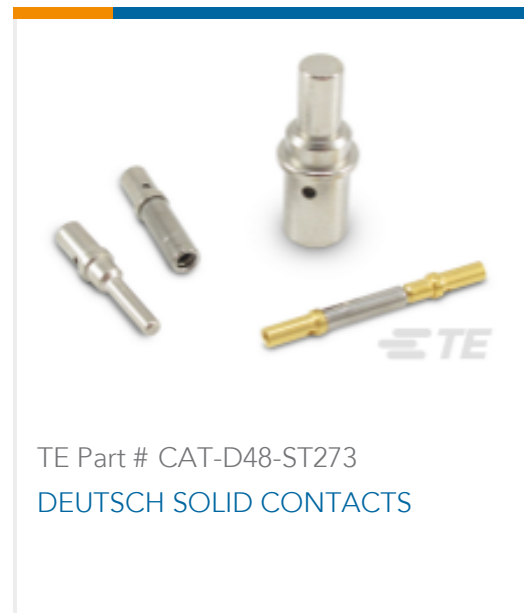requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

HD34-24-35PN-059

Housing for Male Terminals, Wire-to-Wire, 35 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

TE Part # CAT-H3930-RC8382
DEUTSCH HD30 RECEPTACLE PROTECTIVE CAPS

TE Part # CAT-H3930-M8649
DEUTSCH HD30 MOUNTING HARDWARE

TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS

TE Part # CAT-H3930-B128
DEUTSCH HD30 BACKSHELLS

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

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

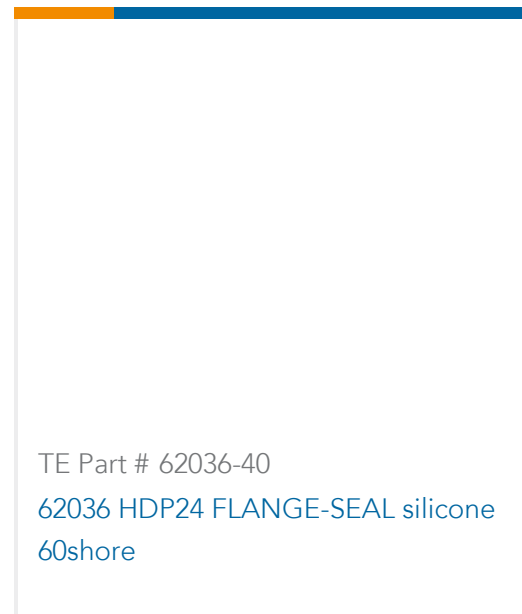TE Part # HD30-24BT-BK
BOOT, 24SZ, ST, BLK

TE Part # 16-04477
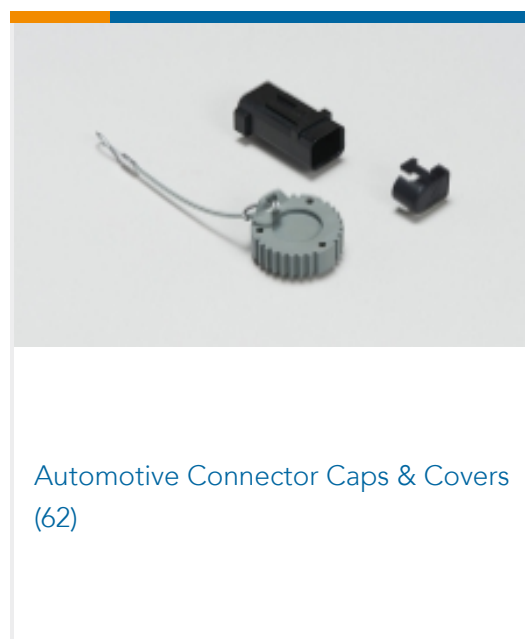GASKET, 24SZ, BLK, HD30

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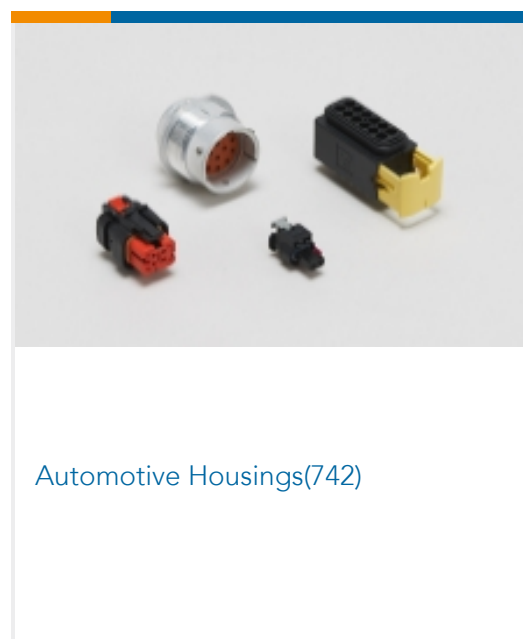BOOT, 24SZ, ST, GRY

TE Part # HD30-24BT-90-BK
BOOT, 24SZ, RA, BLK

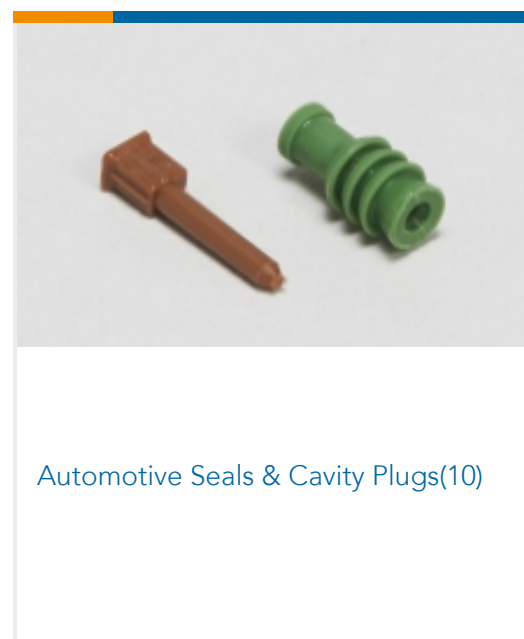TE Part # 62036-40
62036 HDP24 FLANGE-SEAL silicone 60shore
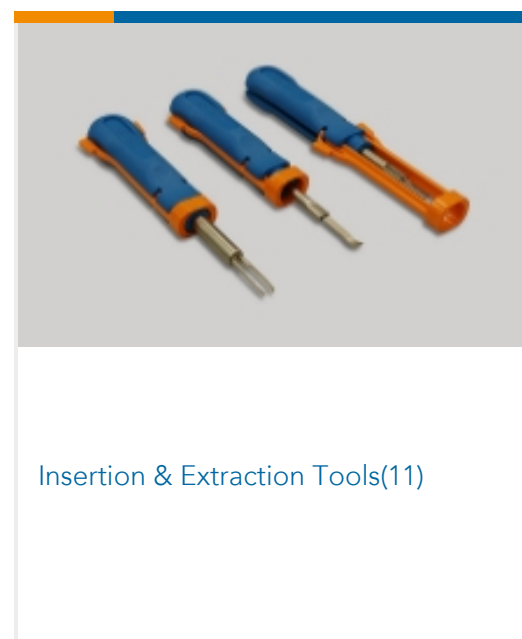
Also in the Series | DEUTSCH HD

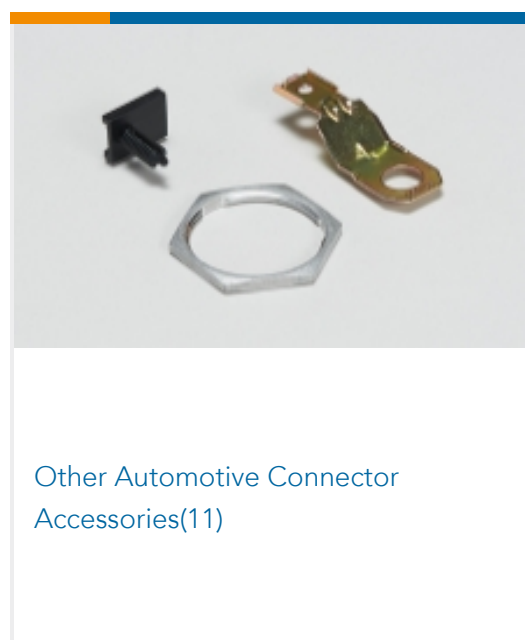Automotive Connector Caps & Covers (62)

Automotive Housings(742)

Automotive Seals & Cavity Plugs(10)

Insertion & Extraction Tools(11)

Other Automotive Connector Accessories(11)

PCB Headers & Receptacles(1)

Also in the Series | DEUTSCH HD30

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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 #HD34-18-20SN
DEUTSCH HD30 HOUSINGS

Documents

Product Drawings
REC,35P,AL,N, CBLCLMPBT,DRAIN,16/20,P,MC

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_HD34-24-35PN-059_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_HD34-24-35PN-059_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_HD34-24-35PN-059_A.3d_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English