

HDP26-24-33SN-L017

✓ ACTIVE

DEUTSCH | DEUTSCH HDP, DEUTSCH HD

TE Internal #: HDP26-24-33SN-L017

33 Position Housing, Housing for Female Terminals, Wire-to-Panel, Sealable, Black, Wire & Cable, Power, Panel Mount, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Number of Positions: 33

Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1 mm [.04 in]

Connector System: Wire-to-Panel

Sealable: Yes

[All DEUTSCH HDP20 Housings \(357\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	Ring Adapter
Connector Seal Code	N Seal
Number of Positions	33

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

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Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA 66 GF
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Dimensions

Compatible Insulation Diameter Range	1.9 – 3.2 mm[.075 – .125 in]
Product Width	49.5 mm[1.95 in]
Product Length	49.5 mm[1.95 in]
Connector Height	42.5 mm[1.67 in]

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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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	40
Packaging Method	Tray

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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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

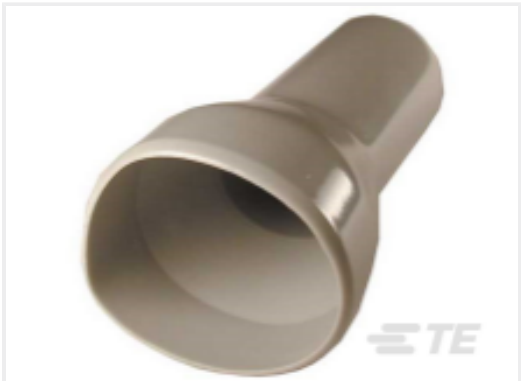
Product Compliance Disclaimer

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



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



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



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



TE Part # CAT-H396-B128
DEUTSCH HDP20 Backshells

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

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings

Also in the Series

DEUTSCH HD

Automotive Headers(1)

Automotive Housings(357)

Connector Seals & Cavity Plugs(1)

Connector Strain Relief(5)

Insertion & Extraction Tools(11)

Other Automotive Connector
Accessories(6)

PCB Headers & Receptacles(1)

Wire-to-Board Headers & Receptacles
(1)

Also in the Series

DEUTSCH HDP

Automotive Connector Caps & Covers
(4)

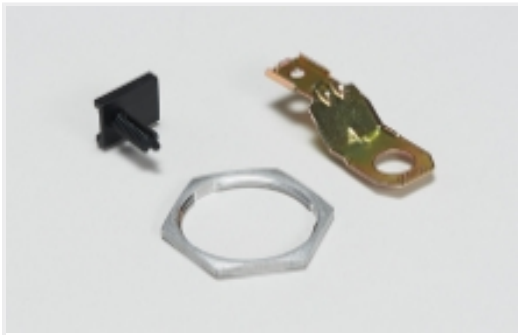
Automotive Housings(357)

Connector Backshells(10)

Connector Seals & Cavity Plugs(1)

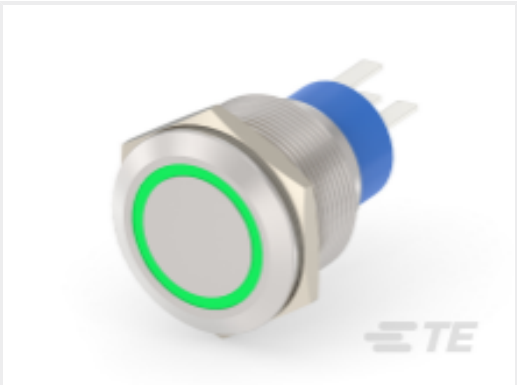


Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #1-2213772-3
AV22 SPM 3A MOVE RING LED GREEN 12V



TE Part #1-1718485-4
CARRIER FOR RECEPT INSERTS 36 POS



TE Part #K1164723
Emergency Switch ES-2002-T412-020E



TE Part #2428-011-2405
BKSHL, 24SZ, BLK, RA,NW17/19/26, L017,HDP



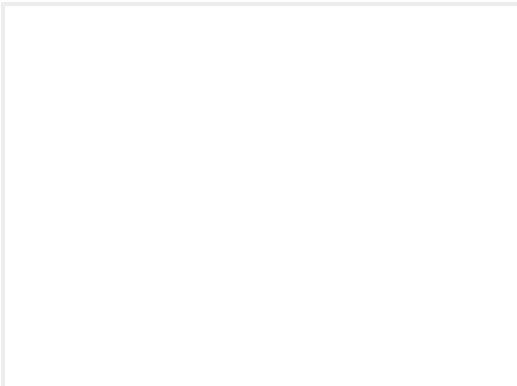
TE Part #HD10-9BT
BOOT, 9P, PLG/REC, ST, GRY



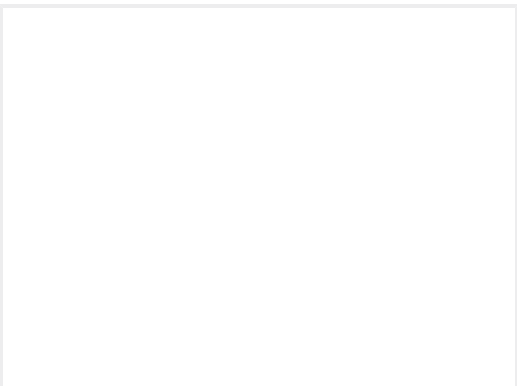
TE Part #4-1418483-1
2POS,AMP MCP2.8,REC. HSG



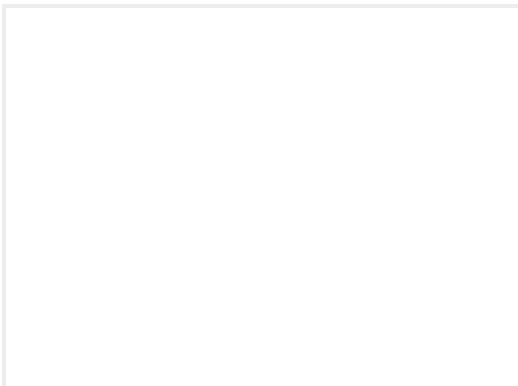
TE Part #HD10-9-96P-BE09
REC, 9P, GRY, N, PANEL, 16



TE Part #HD30-24BT-EN-MD
BT HD30/HDP20 24 SHL ENH MEDIUM



TE Part #HD30-24BT-EN-SM
BT HD30/HDP20 24 SHL ENH SMALL



TE Part #HD30-24BT-EN-LG
BT HD30/HDP20 24 SHL ENH LARGE

Documents

Product Drawings
PLG, 33P, BLK, N, RNG, 20, S
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_HDP26-24-33SN-L017_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_HDP26-24-33SN-L017_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDP26-24-33SN-L017_A.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

Agency Approvals

[UL Report](#)

English