0460-247-1631 ✔ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-247-1631

Automotive Terminals, Pin, Pin Diameter 1.59 mm [.063 in], 20 – 16 AWG Wire Size, .52 – 1.31 mm² Wire Size, DEUTSCH Common Contact

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Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Mating Pin Diameter: **1.59 mm [.063 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.52 – 1.31 mm²**

All DEUTSCH Solid Contacts (45)

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Typical Current Rating	13 A
Crimp Type	Indent
Terminal Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.52 – 1.31 mm²
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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: Pb (1.2% 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	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

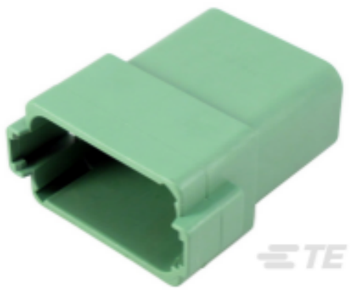
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



TE Part # JS-16-00
JIFFY SPLICE, Size 16



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # HDT-48-00
CRIMP TOOL, HAND



TE Part # HDT-50-00
CRIMP TOOL



TE Part # HDP24-24-21PE-L015
REC, 21P, BLK, E, THD, 12/16, P



TE Part # HDP24-24-19PE-L015
REC, 19P, BLK, E, THD, 12/16, P



TE Part # HDP-400
POWER CRIMPER



TE Part # HDP24-24-14PE-L017
REC, 14P, BLK, E, RNG, 4/12/16, P



TE Part # HDP24-24-14PN-L017
REC, 14P, BLK, N, RNG, 4/12/16, P



TE Part # HDP24-24-18PN-L015
REC, 18P, BLK, N, THD, 8/12/16, P



TE Part # HDP24-24-18PN-L017
REC, 18P, BLK, N, RNG, 8/12/16, P



TE Part # HDP26-24-14PN-L015
PLG, 14P, BLK, N, THD, 4/12/16, P

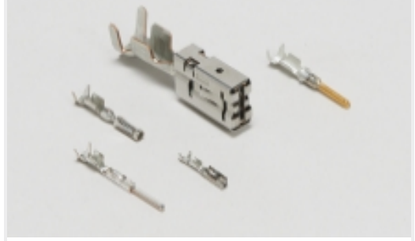


TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(90)



Insertion & Extraction Tools(8)

Customers Also Bought



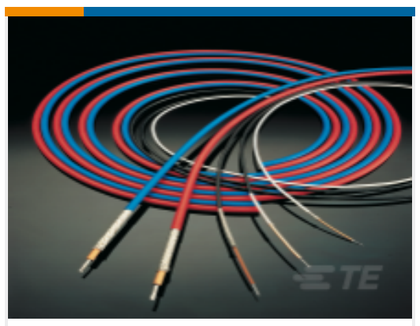
TE Part #1717138-4
025/040 SEALED 44POS PLUG ASSY



TE Part #1318332-1
.040 SEALED REC CONT



TE Part #105035-000
DWP-125-1/4-0-1.5IN



TE Part #986679-000
2019D0301-0



TE Part #7G7920-6
DEUTSCH Sealing Plugs

TE Part #8N1521-32
ENDBELL, SIZE 32

TE Part #8N1517-32-25P
REC, 32P, AL, N, 4/8/12/16, P

Documents

Product Drawings

PIN, SOLID, SIZE 16, 16-20AWG, EXT, AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English