



**DEUTSCH | DEUTSCH Common Contact**

TE Internal #: 0462-005-2031

Socket Terminal, 16 – 18 AWG, .75 – 1.5 mm<sup>2</sup> Wire, Gold (Au), 1 mm [.04 in] Pin Diameter, Terminates To Wire, DEUTSCH Common Contact

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Automotive Parts > Automotive Terminals > DEUTSCH Connector Solid Contacts



Terminal Type: **Socket**

Wire Size: **16 – 18 AWG**

Interface Plating: **Gold (Au)**

Sealable: **No**

[All DEUTSCH Connector Solid Contacts \(47\)](#)

**Features**

**Product Type Features**

Receptacle Style	180°
Sealable	No

**Contact Features**

Typical Current Rating	7.5 A
Crimp Type	Indent Crimp
Contact Size	Size 20
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Socket
Interface Plating	Gold (Au)
Mating Pin Diameter	1 mm [.04 in]

**Termination Features**

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

**Dimensions**

Wire Size	16 – 18 AWG
Wire Size Search	.75 mm <sup>2</sup> , 1 mm <sup>2</sup> , 1.5 mm <sup>2</sup>



### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Carton
Packaging Quantity	5000

### 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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1.2% in 74021991) <b>Article Safe Usage Statements:</b> 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 < 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 # DRC26-40SD-L011  
PLG, 40P, BLK, N, ROUTER CAP, D

TE Part # DRC26-50S02-C027  
PLG, 50P, BLK, N, SPECIAL GROMMET, 02

TE Part # DRC26-24SD  
PLG, 24P, BLK, N, D

TE Part # DRC26-60S03  
PLG, 60P, BLK, N, 03



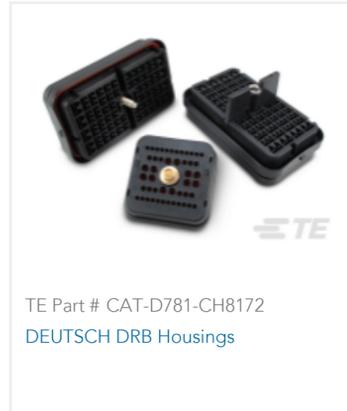
TE Part # CAT-D48-SFT273  
DEUTSCH Connector Stamped and Formed Contacts - Reel



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



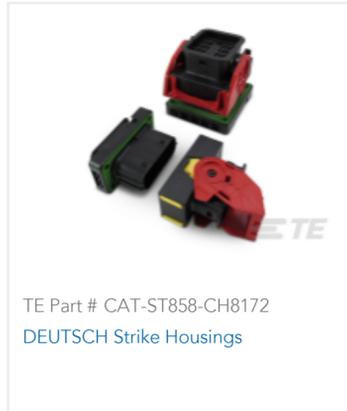
TE Part # CAT-H3930-CH8172  
DEUTSCH HD30 Housings



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # DRCP26-126SA  
PLG, 126P, BLK, 12/20, A



TE Part # CAT-ST858-CH8172  
DEUTSCH Strike Housings



TE Part # DRCP28-86SC  
PLG, 86P, BLK, 12/20, C

TE Part # DRC26-40SD  
PLG, 40P, BLK, D



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

TE Part # DRC26-50S10  
PLG, 50P, BLK, N, 10

TE Part # DRC26-60S08  
PLG, 60P, BLK, N, 08



TE Part # DTMH06-3SA-E003  
PLG, 3P, BLK, N, HI TEMP, CAP, A




TE Part # HDT-50-00  
CRIMP TOOL

TE Part # DRC26-40SC-PL01  
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, C

TE Part # DRC26-24SC-P017  
PLG, 24P, BLK, N, SS CLIP, A

TE Part # DRC26-24SD-P017  
PLG, 24P, BLK, N, SS CLIP, A

Also in the Series | **DEUTSCH Common Contact**



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #821051-000  
381A015-4/42-0



TE Part #TRAB4103P  
OMNI,PH,PMT,410-430MHz



TE Part #HD36-24-47SE-059  
PLG,47P,AL,E, CBLCLMPBT,DRAIN,16 /20,S,MC



TE Part #DTP2S-BT  
BOOT, 2P, PLG, ST, GRY



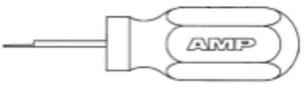
TE Part #0413-204-2005  
SEALING PLUG, SIZE 20, RED



TE Part #CAT-D48-ST273  
DEUTSCH Connector Solid Contacts



TE Part #T2030162201-000  
HDD-016-F



TE Part #234605-1  
EXT-TOOL

TE Part #11101922-00  
AST4000A00100P4E0000:CTO-13000000-02



## Documents

### Product Drawings

[SOC, SOLID, SIZE 20, 16-18AWG, AU](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Engineering Report](#)

English