

0462-201-1631 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-201-1631

Socket Terminal, 16 – 20 AWG, .5 – 1.5 mm² Wire, Gold (Au), 1.59 mm [.062 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 – 20 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	13 A
Crimp Type	Indent Crimp
Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Socket
Interface Plating	Gold (Au)
Mating Pin Diameter	1.59 mm [.062 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	16 – 20 AWG
Wire Size Search	.5 mm ² , .75 mm ² , 1 mm ² , 1.5 mm ²



Usage Conditions

Insulation Option	Uninsulated
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	2500

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 74004969) 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 < 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-J41-DDSCC
DEUTSCH DT Connectors with snap cap



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # 1-2297507-1
2POS,CE,PIN HSG,16, DT, CODE A, ASSY,SLD



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



TE Part # 2-2303816-2
DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # CAT-J41-DDIC
DEUTSCH DT Integrated Component



TE Part # 2286014-2
TPA, LED, ASSY



TE Part # DTV06-18SB-C015
PLG, 18P, BLK, E, B



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



TE Part # HDFB-16-06S
MODULE, FEEDBACK, 21P, GRAY, SZ16, SOC



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings



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



TE Part # DT16-18SC-EK02
PLG, 18P, GRN, E, A



TE Part # DTV06-18SD
PLG, 18P, BRN, N, D



TE Part # HDT-50-00
CRIMP TOOL



TE Part # DT16-15SB-K003
PLG, 15P, BLK, E, B



TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings

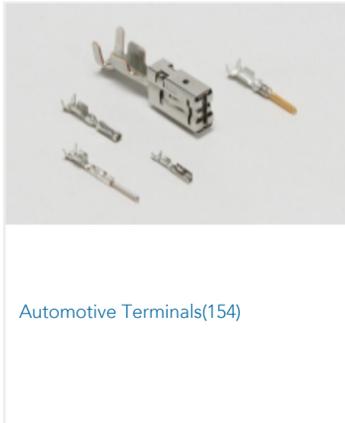


TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts

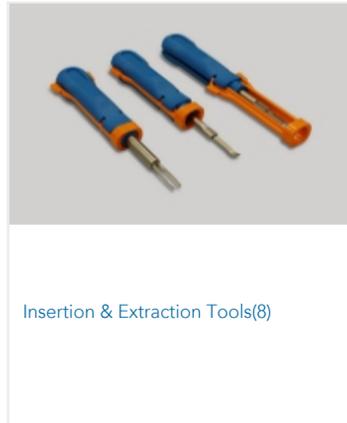


TE Part # 1-2303816-2
DT06-3S-TN31, PLG, 3P, GRY, N, SNAPCAP

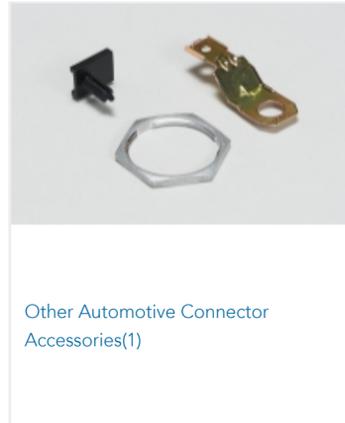
Also in the Series | DEUTSCH Common Contact



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #1062-20-0244-PS
SOC, SF, SIZE 20, 16-22, AU/SN, 100 PC



TE Part #DT04-2P-RT24
REC, 2P, BLK, 120 OHM RESISTOR, NI



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



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #EL8123-000
ZHD-CT-50M-6.4-OUT-4

Documents

Product Drawings

SOC, SOLID, SIZE 16, 16-20AWG, AU

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0462-201-1631_99_c-0462-201-1631-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-1631_99_c-0462-201-1631-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-1631_99_c-0462-201-1631-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English