

0462-221-1631 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-221-1631

DEUTSCH Common Contact, Automotive Terminals, Socket, Pin Diameter .063 in [1.59 mm], 20 – 16 AWG Wire Size, .5 – 1.3 mm<sup>2</sup> Wire Size

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: **Socket**

Mating Pin Diameter: 1.59 mm [ .063 in ]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .5 – 1.3 mm<sup>2</sup>

[All DEUTSCH SOLID CONTACTS \(44\)](#)

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

### Contact Features

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

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	.5 – 1.3 mm <sup>2</sup>
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG



### Usage Conditions

Insulation Requirement	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
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### Packaging Features

Packaging Method	Package
Packaging Quantity	1

### Other

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

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

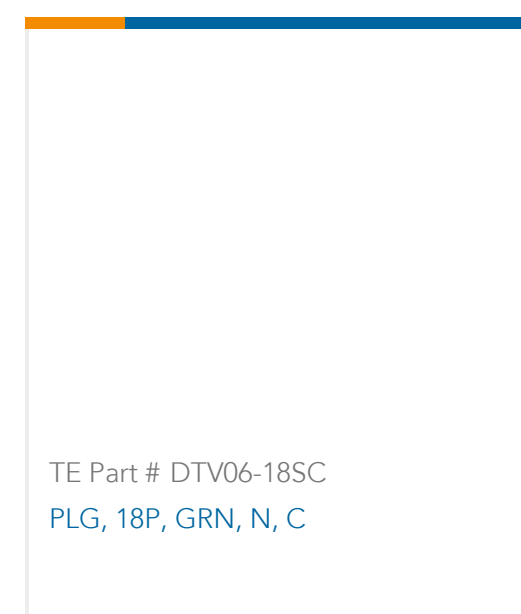
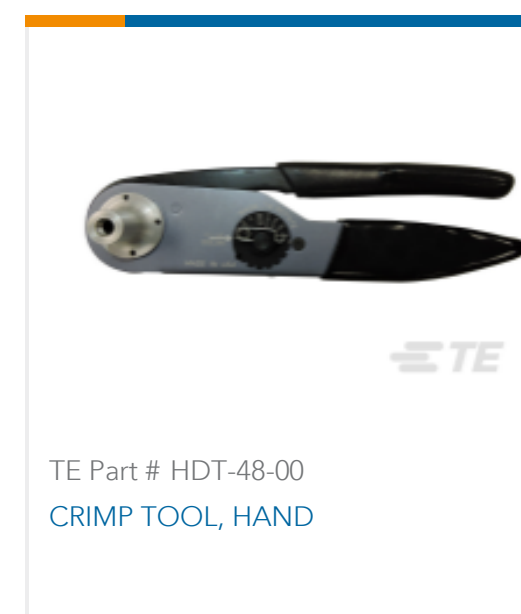
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (1.2% in Component Part) <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, 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 # DT16-18SA-K004  
PLG, 18P, BLK, E, A



TE Part # DT16-18SE-K004  
PLG, 18P, BLK, E, E




TE Part # DT16-18SD-K004  
PLG, 18P, BLK, E, D




TE Part # DTV06-18SA  
PLG, 18P, GRY, N, A

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



Automotive Terminals(98)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #010312840000-M  
PR-812-2000



TE Part #HC5730  
LEAD CONNECTOR 25MM +VE



TE Part #HC5733  
35MM2 NEG LEAD CONNECTOR 1 /4" UNC THREAD



TE Part #HC5738  
95MM2 POSBAT LEAD 1/4" UNC THREAD



TE Part #HC5739  
95MM2 NEGBAT LEAD 1/4" UNC THREAD



TE Part #HC5840D  
INTEGRAL BATT. POST. DOUBLE TAPER.




TE Part #HC5841  
70MM2 BATTERY CLMP ASSMB NEGATIVE



TE Part #HC5936  
BATTERY LEAD CONN. 70mm +VE



TE Part #HC5955  
BATT.LEAD. 90DEG.70MM+JC



TE Part #HD46-24-31ST  
KT PL HD30 24 SHL 31 WY T SEAL



## Documents

### Product Drawings

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

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-221-1631\\_99\\_c-0462-221-1631-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-221-1631\\_99\\_c-0462-221-1631-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-221-1631\\_99\\_c-0462-221-1631-99.3d\\_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

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English