



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-221-1631

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

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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 \(46\)](#)

### 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                                  | Socket            |
| 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        | .5 – 1.3 mm <sup>2</sup>               |
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (1.2% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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-DDPC  
DEUTSCH DT Plug Connectors



TE Part # CAT-D799-CH8172  
DEUTSCH DRC Housings




TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # CAT-ST858-CH8172  
DEUTSCH Strike Housings



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



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



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-J41-DDCC  
DEUTSCH DT Color Connectors



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



TE Part # HDT-50-00  
CRIMP TOOL



TE Part # HDP-400  
POWER CRIMPER



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



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



TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings




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



TE Part # DTV06-18SC  
PLG, 18P, GRN, N, C

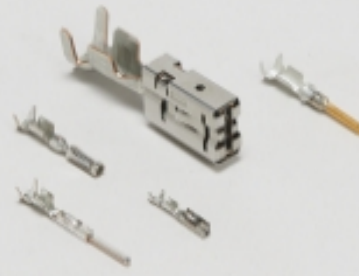


TE Part # DT16-18SA-K004  
PLG, 18P, BLK, E, A




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

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



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #0462-210-1231  
SOC, SOLID, SIZE 12, 12-14AWG, AU



TE Part #1062-16-1244  
SOC, SF, SIZE 16, 12-16, AU/SN



TE Part #AEC16-40SAE-E019  
PLG, 40P, BLK, E, XCAP, A



TE Part #DTCE04-1-8P-E003  
DTCE RECP ASM




TE Part #100292-1  
ADAPTER 180 M24/M27



TE Part #986679-000  
2019D0301-0



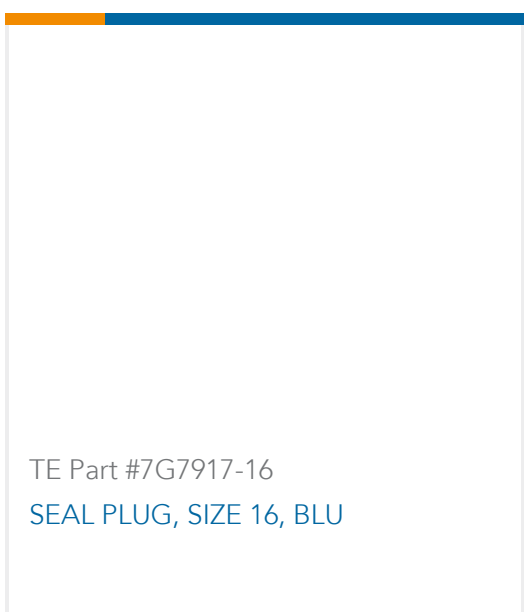
TE Part #2208343-1  
TERMINAL, 6,3MM



TE Part #2208343-2  
TERMINAL, 6,3MM



TE Part #EG1634-000  
242W042-4/42-0



TE Part #7G7917-16  
SEAL PLUG, SIZE 16, BLU



## 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

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### Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English