



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 mm²**

[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 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
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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) Candidate List Declared Against: JAN 2024 (240) 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

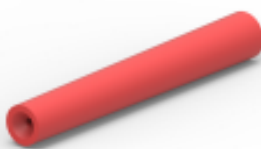
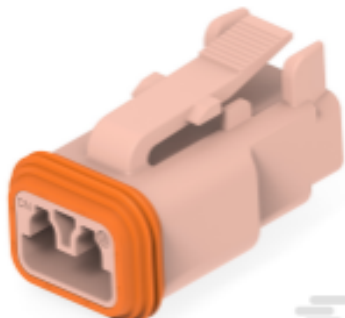
Product Compliance Disclaimer

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-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 # 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



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

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



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



TE Part # W8P-P004
WEDGE LOCK



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



TE Part # 100292-1
ADAPTER 180 M24/M27



TE Part # 986679-000
2019D0301-0



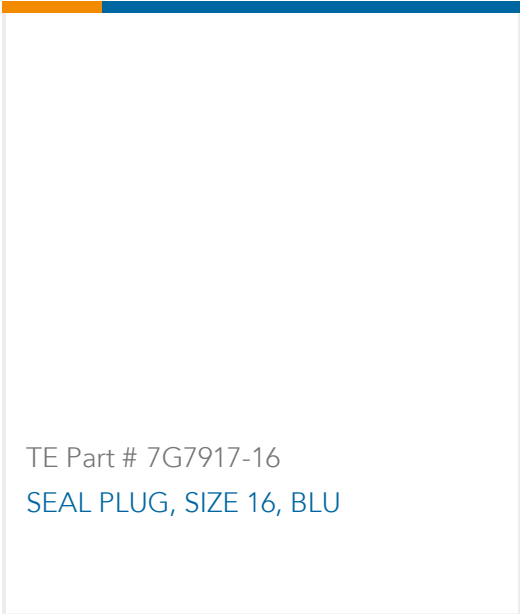
TE Part # 2208343-1
TERMINAL, 6,3MM



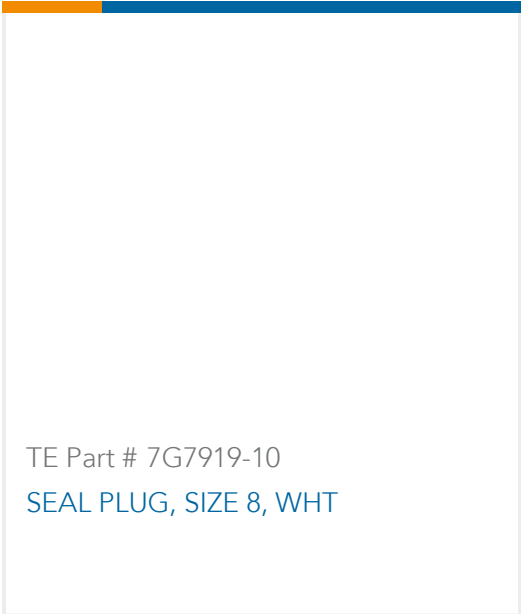
TE Part # 2208343-2
TERMINAL, 6,3MM



TE Part # 7G7920-6
SEAL PLUG, SIZE 4, BLU



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



TE Part # 7G7919-10
SEAL PLUG, SIZE 8, WHT



Documents

Product Drawings
SOC, SOLID, SIZE 16, 16-20AWG, EXT, AU
English

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.

Datasheets & Catalog Pages
CONNECTOR SELECTOR
English

Product Specifications
Application Specification
English