

WIN*SOURCE*
ELECTRONICS

THE DATASHEET OF
0462-209-16141





DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-209-16141

Socket Terminal, Nickel (Ni), 1.5 mm [.062 in] Pin Diameter, 14 AWG, 2 mm² Wire, Terminates To Wire, DEUTSCH Common Contact

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Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Interface Plating: **Nickel (Ni)**

Mating Pin Diameter: **1.5 mm [.062 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **14 AWG**

[All DEUTSCH Solid Contacts \(46\)](#)

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Carton
Packaging Quantity	2500

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Other

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Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Contact Features

Typical Current Rating	13 A
Crimp Type	Indent Crimp
Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Terminal Type	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	1.5 mm [.062 in]

Dimensions

Wire Size	2 mm ²
Wire Size Search	2 mm ²
Tab Length	19.28 mm [.76 in]

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.7% 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

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

TE Part # AEC16-40SDE-E019
PLG, 40P, BLK, E, XCAP, D

TE Part # AEC16-40SBE
PLG, 40P, BLK, E, B



TE Part # 2-2303815-1
DT06-2S-TE81, PLG, 2P, GRY, E,
SNAPXCAP



TE Part # 2-2303816-4
DT06-3S-TE82, PLG, 3P, BLK, E,
SNAPXCAP



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



TE Part # 1-2303816-1
DT06-3S-TE31, PLG, 3P, GRY, E,
SNAPCAP



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



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

TE Part # AEC16-40SAE-K001
PLG, 40P, BLK, E, BRN CAP, A



TE Part # 1-2303816-4
DT06-3S-TE32, PLG, 3P, BLK, E,
SNAPCAP



TE Part # DT16-18SB-EK02
PLG, 18P, BLK, E, A



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

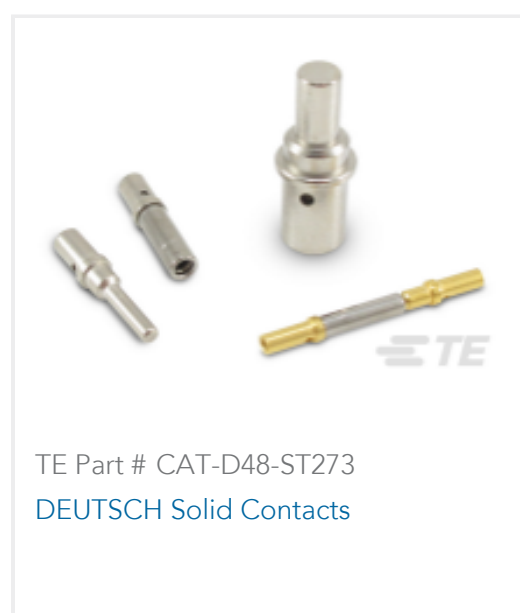
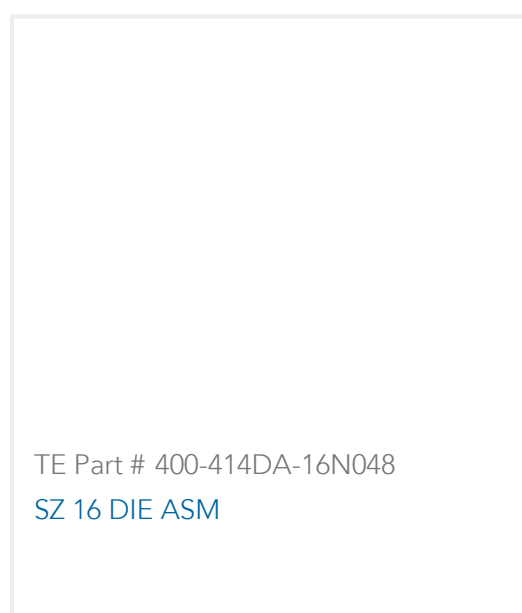
TE Part # 400-4301-16S
SZ 16 LOCATOR



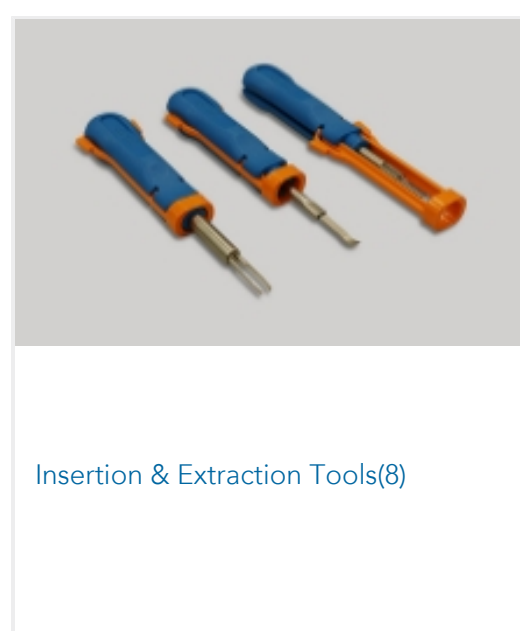
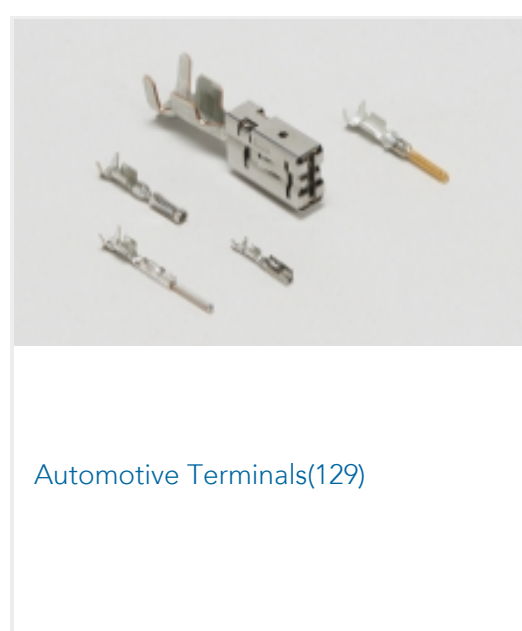
TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings



TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



Also in the Series | DEUTSCH Common Contact



Customers Also Bought



Documents

Product Drawings

SOC, SOLID, SIZE 16, 14AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_0462-209-16141_99_c-0462-209-16141-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-209-16141_99_c-0462-209-16141-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-209-16141_99_c-0462-209-16141-99.3d_stp.zip](#)



English

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Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

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Product Specifications

[Engineering Report](#)

English

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[TE Connectivity Information](#)

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