



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal & Splice Type: **Socket**
Mating Pin Diameter: **1.59 mm [.0625 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **2 mm²**

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

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal
Automotive Terminal Wire Type	Copper

Body Features

Automotive Terminal Seal Type	Family Seal or Unsealed
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Contact Features

Typical Current Rating	13 A
Crimp Type	Indent
Terminal & Splice Type	Socket
Mating Pin Diameter	1.59 mm[.0625 in]
Automotive Terminal Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Nickel (Ni)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	2 mm²
Wire Size Search	14 AWG



Usage Conditions

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

Packaging Features

Packaging Method	Box
Packaging Quantity	10000

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

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-ST858-CH8172 DEUTSCH STRIKE HOUSINGS	 TE Part # CAT-D48-ST273 DEUTSCH SOLID CONTACTS	 TE Part # CAT-D489-J562 Jiffy Splice	 TE Part # HDP-400 POWER CRIMPER
 TE Part # HDT-50-00 CRIMP TOOL	 TE Part # HDT-48-00 CRIMP TOOL, HAND	 TE Part # CAT-D487-CH8172 DEUTSCH DT Series Housings & Connectors	 TE Part # CAT-D781-CH8172 DEUTSCH DRB HOUSINGS
 TE Part # CAT-D799-CH8172 DEUTSCH DRC HOUSINGS	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 HOUSINGS	 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 HOUSINGS	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 HOUSINGS
 TE Part # CAT-D487-DCH8172 DEUTSCH DT DETECTOR CONNECTOR	 TE Part # CAT-D48-SFT273 DEUTSCH STAMPED & FORMED CONTACTS	 TE Part # 2372208-1 SDE HDT-1561-NG DEUTSCH 16- 20AWG ASSY	 TE Part # HDP26-24-14SN-L015 PLG, 14P, BLK, N, THD, 4/12/16, S
 TE Part # HDFB-16-06S MODULE, FEEDBACK, 21P, BLK, SZ16, SOC	 TE Part # 400-414DA-16N048 SZ 16 DIE ASM	 TE Part # AEC16-40SBE PLG, 40P, BLK, E, B	 TE Part # AEC16-40SAE PLG, 40P, BLK, E, A

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



Automotive Terminals(95)



Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #0460-215-16141
DEUTSCH SOLID CONTACTS



TE Part #W6S
DEUTSCH DT WEDGELOCKS



TE Part #2411-001-2405
DEUTSCH HDP20 MOUNTING
HARDWARE



TE Part #0413-204-2005
DEUTSCH SEALING PLUGS



TE Part #0411-240-2005
EXT TOOL, SIZE 20, 16-22 AWG, N,
RED

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

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_0462-209-16141_0716201863_dmtec

English

MD_0462-209-16141_0716201863_dmtec

English