



Automotive Parts > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**
Wire Size: **8 – 10 AWG**
Interface Plating: **Nickel (Ni)**
Primary Locking Feature: **Integrated in Housing**

[All DEUTSCH Solid Contacts \(47\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	No

Contact Features

Typical Current Rating	60 A
Crimp Type	Indent Crimp
Contact Size	Size 8
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Terminal Type	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	3.61 mm[.142 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	8 – 10 AWG
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Wire Size Search

5 mm², 6 mm², 8 mm²

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Bag
Packaging Quantity	750

Other

Customer Preferred Contact	Yes
Terminal Transmits	41 – 100 A (High 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in 74004969) 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>

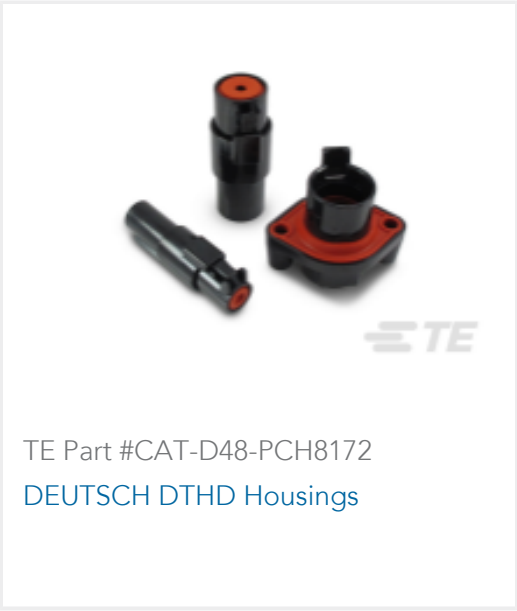
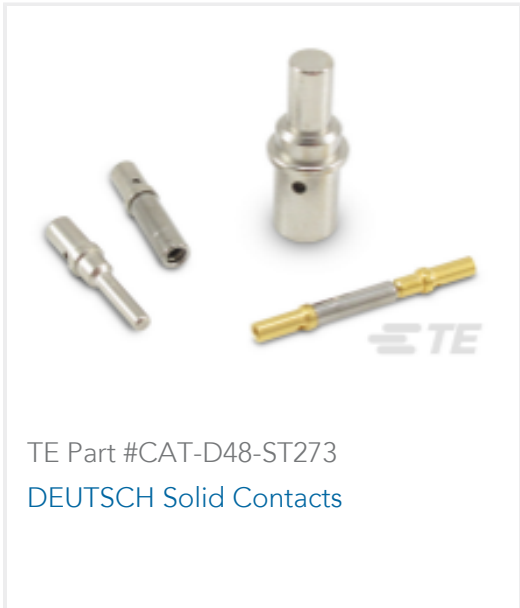
Compatible Parts

TE Part # 450GA-8SPEC GO NO GO GAUGE CLOSURE .175	TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings
TE Part # HDP-400 POWER CRIMPER	TE Part # HDT-04-08 CRIMP TOOL, HDT-04-08	TE Part # 0434-205-0800 1/2 DIE SET	TE Part # 400-414DA-8SPEC SZ 8 DIE ASM
TE Part # 0460-204-08141 PIN, SOLID, SIZE 8, 8-10AWG, NI	TE Part # 400-4301-8S SZ 8 LOCATOR	TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	

Also in the Series | DEUTSCH Common Contact

Automotive Terminals(137)	Insertion & Extraction Tools(8)

Customers Also Bought



Documents

Product Drawings

SOC, SOLID, SIZE 8, 8-10AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0462-203-08141_99_c-0462-203-08141-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0462-203-08141_99_c-0462-203-08141-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0462-203-08141_99_c-0462-203-08141-99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

0462-203-08141

Socket Terminal, 8 – 10 AWG, 5 – 8 mm² Wire, Nickel (Ni), 3.61 mm [.142 in] Pin Diameter, Terminates To Wire, DEUTSCH Common Contact

