



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Mating Pin Diameter: **3.61 mm [.142 in]**

Terminal Transmits: **41 – 100 A (High Power)**

Wire Size: **5 – 8 mm<sup>2</sup>**

[All DEUTSCH Solid Contacts \(45\)](#)

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

### Contact Features

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

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	5 – 8 mm <sup>2</sup>
Wire Size Search	8 AWG, 9 AWG, 10 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[176 °F][185 °F][194 °F][212 °F] [221 °F][230 °F][248 °F][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 Quantity	750
Packaging Method	Bag

### 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 2023 (233) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (1.2% in Component Part) <b>Article Safe Usage Statements:</b> 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-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # 0460-204-08141  
PIN, SOLID, SIZE 8, 8-10AWG, NI



TE Part # HDT-04-08  
CRIMP TOOL, HDT-04-08




TE Part # HDP-400  
POWER CRIMPER




TE Part # 0434-205-0800  
1/2 DIE SET



TE Part # 400-414DA-8SPEC  
SZ 8 DIE ASM




TE Part # 400-4301-8S  
SZ 8 LOCATOR




TE Part # 450GA-8SPEC  
GO NO GO GAUGE CLOSURE .175

## Also in the Series | DEUTSCH Common Contact

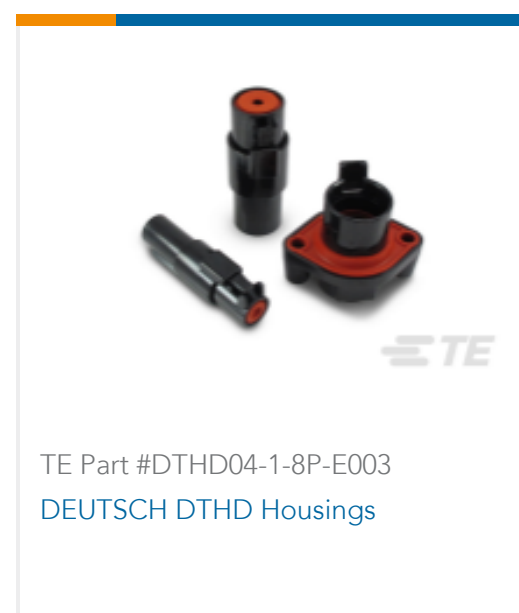


Automotive Terminals(90)



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

CONNECTOR SELECTOR

English

### Product Specifications

Engineering Report

English