



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 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

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Automotive Parts > Automotive Terminals > DEUTSCH Connector Solid Contacts



Terminal Type: **Socket**

Wire Size: **8 – 10 AWG**

Interface Plating: **Nickel (Ni)**

Primary Locking Feature: **Integrated in Housing**

[All DEUTSCH Connector 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 |
|-----------|------------|



| | |
|------------------|---|
| Wire Size Search | 5 mm ² , 6 mm ² , 8 mm ² |
|------------------|---|

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 |
|------------------------------------|--------|

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>](#)

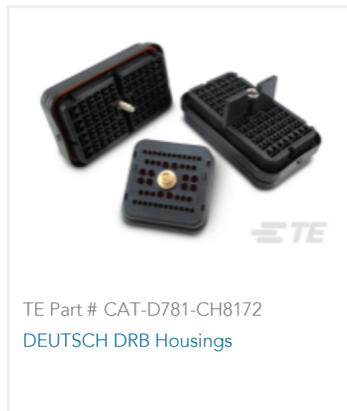
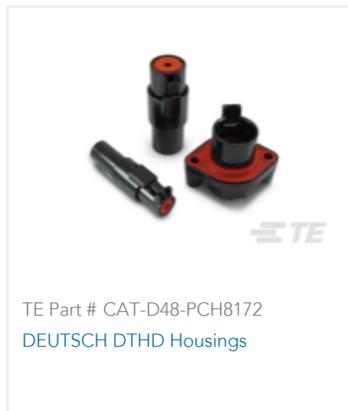
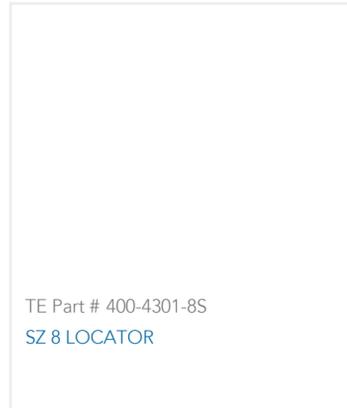
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|---|--|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

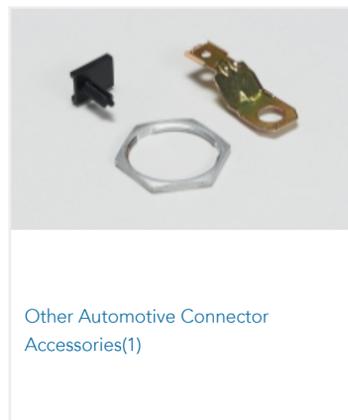
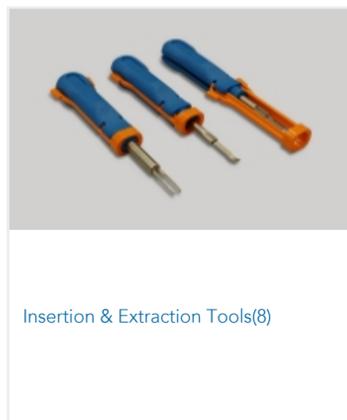
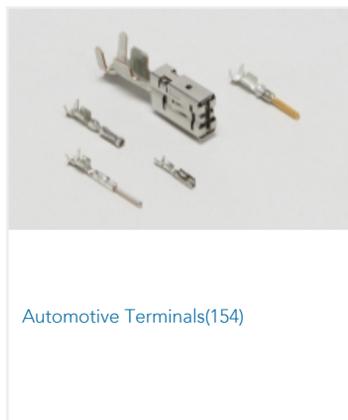
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | DEUTSCH Common Contact



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

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