



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**  
Interface Plating: **Nickel (Ni)**  
Primary Locking Feature: **Integrated in Housing**  
Sealable: **No**  
Mating Pin Diameter: **2.4 mm [.094 in]**

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

Features

Product Type Features

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

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Typical Current Rating                         | 25 A            |
| Crimp Type                                     | Indent Crimp    |
| Contact Size                                   | Size 12         |
| Contact Fabrication                            | Solid           |
| Wire Contact Termination Area Plating Material | Nickel          |
| Terminal Type                                  | Pin             |
| Interface Plating                              | Nickel (Ni)     |
| Mating Pin Diameter                            | 2.4 mm[.094 in] |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Product Terminates To     | Printed Circuit Board |

Dimensions

|                   |                              |
|-------------------|------------------------------|
| PCB Hole Diameter | .89 – .99 mm[.035 – .039 in] |
|-------------------|------------------------------|



Usage Conditions

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

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 1       |

Other

|                            |                   |
|----------------------------|-------------------|
| Customer Preferred Contact | Yes               |
| Terminal Transmits         | 25 – 40 A (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)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (3.5% in 3441353)<br><b>Article Safe Usage Statements:</b><br>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-D486-CH8172  
DEUTSCH DTP Housings



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 # 0462-203-12141  
SOC, SOLID, SIZE 12, 12-14AWG, NI



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings

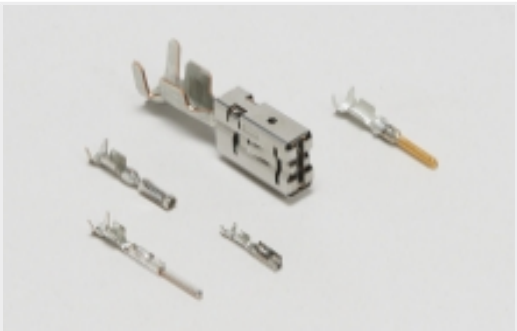


TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings



TE Part # CAT-D799-CH8172  
DEUTSCH DRC Housings

Also in the Series | [DEUTSCH Common Contact](#)



[Automotive Terminals\(127\)](#)



[Insertion & Extraction Tools\(8\)](#)

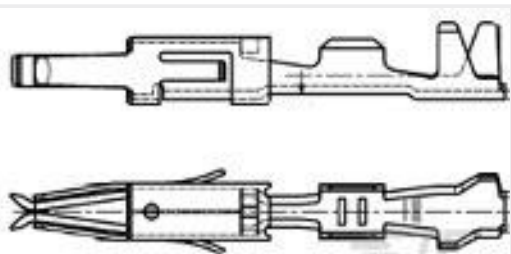
Customers Also Bought



TE Part #0460-208-2090  
PIN, SOLID, SIZE 20, EXTENDED PCB, SN



TE Part #D275394001  
RNF-3000-4.5/1.5-6-SP

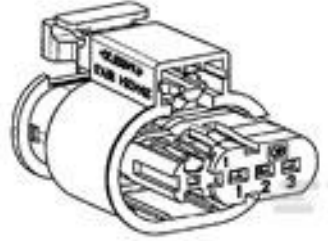


TE Part #962875-5  
MT2 REC 1.6 Contact SWS Au



TE Part #CAT-H396-CH8172  
DEUTSCH HDP20 Housings

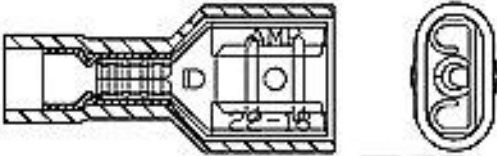




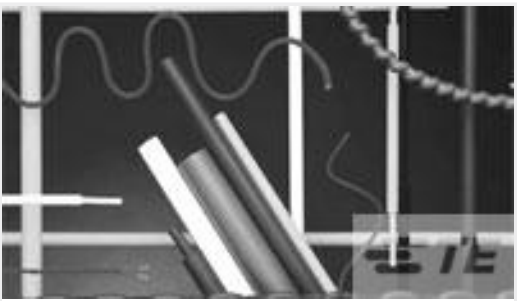
TE Part #284425-1  
3 POS CONNECTOR FOR INJECTION



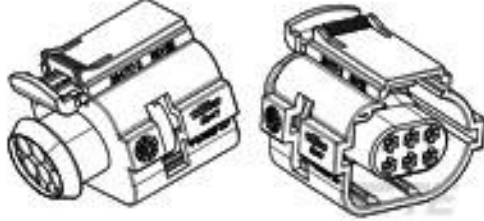
TE Part #1879217-4  
CPF 0603 180K 0.1% 25PPM 1K RL



TE Part #735279  
REC FASTON SERIES 635 PIDG



TE Part #5068054008  
CGPT-3.2/1.6-2-SP



TE Part #284716-2  
6 POS REC. CONNECTOR FOR EGAS

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_0460-208-12141\_99\_c-0460-208-12141-99.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_0460-208-12141\_99\_c-0460-208-12141-99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_0460-208-12141\_99\_c-0460-208-12141-99.3d\_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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

0460-208-12141

Pin Terminal, Nickel (Ni), 2.4 mm [.094 in] Pin Diameter, Terminates To Printed Circuit Board, -55 – 125 °C [-67 – 257 °F], DEUTSCH Common Contact

