



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**  
Mating Pin Diameter: **2.39 mm [ .094 in ]**  
Terminal Transmits: **25 – 40 A (Power)**  
Wire Size: **2 – 3 mm²**

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

Features

Product Type Features

|                         |                 |
|-------------------------|-----------------|
| Sealable                | No              |
| Primary Locking Feature | On the Terminal |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Size                                   | Size 12          |
| Contact Fabrication                            | Solid            |
| Wire Contact Termination Area Plating Material | Nickel           |
| Typical Current Rating                         | 25 A             |
| Crimp Type                                     | Indent           |
| Terminal Type                                  | Socket           |
| Mating Pin Diameter                            | 2.39 mm[.094 in] |
| Interface Plating                              | Nickel (Ni)      |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions

|                  |                        |
|------------------|------------------------|
| Wire Size        | 2 – 3 mm²              |
| Wire Size Search | 12 AWG, 13 AWG, 14 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 |
|------------------------------------|--------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1250 |
| Packaging Method   | Box  |

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                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (.5% in Component Part)<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

|                                                                                                                                               |                                                                                                                                                               |                                                                                                                                                            |                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-H3930-CH8172<br/>DEUTSCH HD30 Housings</p> |  <p>TE Part # CAT-H396-CH8172<br/>DEUTSCH HDP20 Housings</p>                 |  <p>TE Part # CAT-D781-CH8172<br/>DEUTSCH DRB Housings</p>              |  <p>TE Part # CAT-D486-CH8172<br/>DEUTSCH DTP Housings</p>              |
|  <p>TE Part # CAT-D799-CH8172<br/>DEUTSCH DRC Housings</p> |  <p>TE Part # JS-12-00<br/>JIFFY SPLICE, size 12</p>                       |  <p>TE Part # CAT-D48-PCH8172<br/>DEUTSCH DTHD Housings</p>           |  <p>TE Part # HDP26-24-16PN-L017<br/>PLG, 16P, BLK, N, RNG, 12, P</p> |
|  <p>TE Part # HDT-48-00<br/>CRIMP TOOL, HAND</p>           |  <p>TE Part # HDT-50-00<br/>CRIMP TOOL</p>                                 |  <p>TE Part # DRCP28-86SB<br/>PLG, 86P, BLK, 12/20, B</p>             |  <p>TE Part # DRCP28-86SC<br/>PLG, 86P, BLK, 12/20, C</p>             |
|  <p>TE Part # HDP-400<br/>POWER CRIMPER</p>                |  <p>TE Part # HDP26-24-14SN-L015<br/>PLG, 14P, BLK, N, THD, 4/12/16, S</p> |  <p>TE Part # HDP26-24-16SN-L015<br/>PLG, 16P, BLK, N, THD, 12, S</p> |  <p>TE Part # CAT-H3910-CH8172<br/>DEUTSCH HD10 Housings</p>          |



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts

TE Part # DRCP28-86SA  
PLG, 86P, BLK, 12/20, A

TE Part # 1060-12-0222  
PIN, SF, SIZE 12, 10, NI/NI

TE Part # 1060-12-0166  
PIN, SF, SIZE 12, 12-14, NI/SN

Also in the Series

DEUTSCH Common Contact

Automotive Terminals(91)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #DTP04-2P  
DEUTSCH DTP Housings

TE Part #WP-2P  
DEUTSCH DTP Wedgelocks

TE Part #0460-215-16141  
DEUTSCH Solid Contacts

Documents

Product Drawings

SOC, SOLID, SIZE 12, 12-14AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_0462-203-12141\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_0462-203-12141\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_0462-203-12141\_E.3d\_stp.zip



English

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Datasheets & Catalog Pages  
CONNECTOR SELECTOR

English

Product Specifications  
Engineering Report

English