



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-203-12141

Automotive Terminals, Socket, Pin Diameter 2.39 mm [.094 in], 14 – 12 AWG Wire Size, 2 – 3 mm<sup>2</sup> Wire Size, DEUTSCH Common Contact

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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 mm<sup>2</sup>

[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 mm <sup>2</sup>
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
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### 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 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (.5% 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-D486-CH8172  
DEUTSCH DTP Housings




TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-D799-CH8172  
DEUTSCH DRC Housings



TE Part # JS-12-00  
JIFFY SPLICE, size 12



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # HDP26-24-16PN-L017  
PLG, 16P, BLK, N, RNG, 12, P



TE Part # HDT-48-00  
CRIMP TOOL, HAND



TE Part # HDT-50-00  
CRIMP TOOL



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



TE Part # HDP-400  
POWER CRIMPER



TE Part # HDP26-24-14SN-L015  
PLG, 14P, BLK, N, THD, 4/12/16, S



TE Part # HDP26-24-16SN-L015  
PLG, 16P, BLK, N, THD, 12, S



TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



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



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

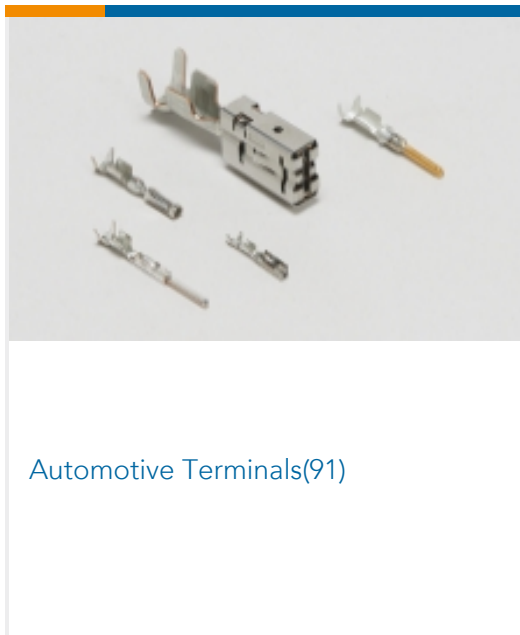


TE Part # 1060-12-0222-PS  
PIN, SF, SIZE 12, 10, NI/NI, 100 PC

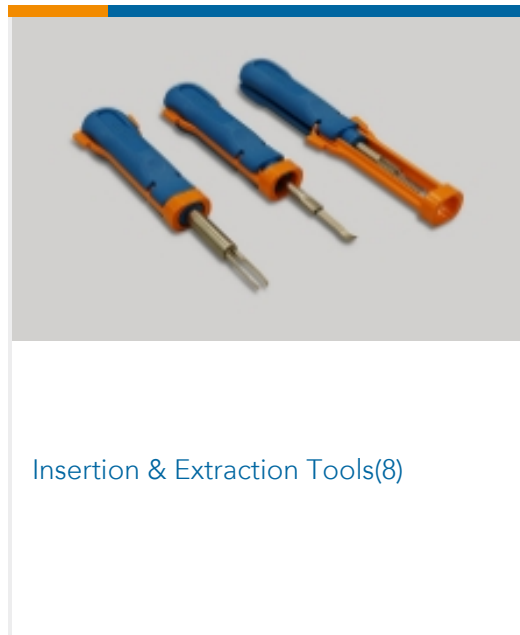


TE Part # DRCP26-126SA  
PLG, 126P, BLK, 12/20, A

## Also in the Series | DEUTSCH Common Contact



Automotive Terminals(91)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #DTP04-2P  
REC, 2P, GRY, N



TE Part #0460-204-08141  
DEUTSCH Solid Contacts



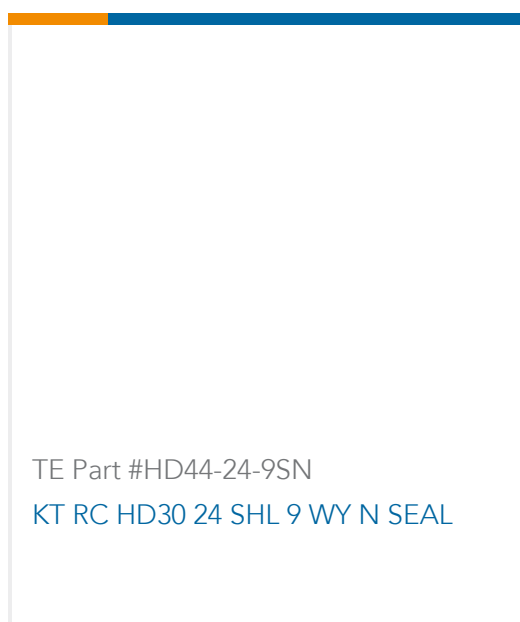
TE Part #WP-2S  
WEDGE LOCK, 2P, PLG, ORG, DTP



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-4S  
PLG, 4P, GRY, N



TE Part #HD44-24-9SN  
KT RC HD30 24 SHL 9 WY N SEAL

## 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

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**Product Specifications**

[Engineering Report](#)

English