



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-203-04141

Automotive Terminals, Socket, Pin Diameter .225 in [5.72 mm], 6 AWG Wire Size, 12 mm<sup>2</sup> Wire Size, Locking On the Terminal, DEUTSCH Common Contact

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Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: **Socket**

Mating Pin Diameter: **5.72 mm [ .225 in ]**

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

Wire Size: **12 mm<sup>2</sup>**

[All DEUTSCH SOLID CONTACTS \(44\)](#)

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

### Contact Features

Contact Size	Size 4
Contact Fabrication	Screw Machine
Typical Current Rating	100 A
Crimp Type	Indent
Terminal Type	Socket
Mating Pin Diameter	5.72 mm[.225 in]
Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Nickel (Ni)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	12 mm <sup>2</sup>
Wire Size Search	6 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 Method	Bag
Packaging Quantity	400

### 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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # HDT-04-08  
CRIMP TOOL, HDT-04-08



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD HOUSINGS



TE Part # CAT-D781-CH8172  
DEUTSCH DRB HOUSINGS



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # 0410-241-0406  
INSERT SEAL, CRIMP SLEEVE REDUCER



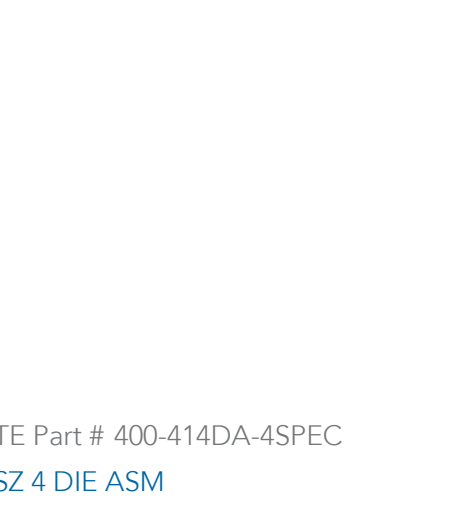
TE Part # HDP-400  
POWER CRIMPER



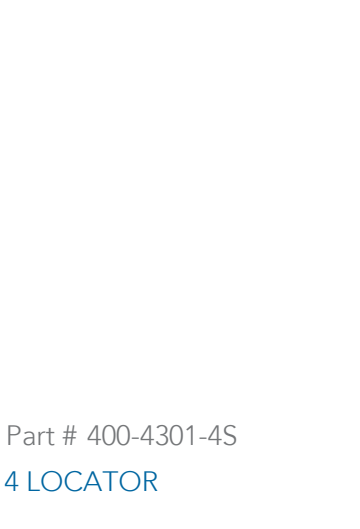
TE Part # HDP26-24-14SN-L015  
PLG, 14P, BLK, N, THD, 4/12/16, S



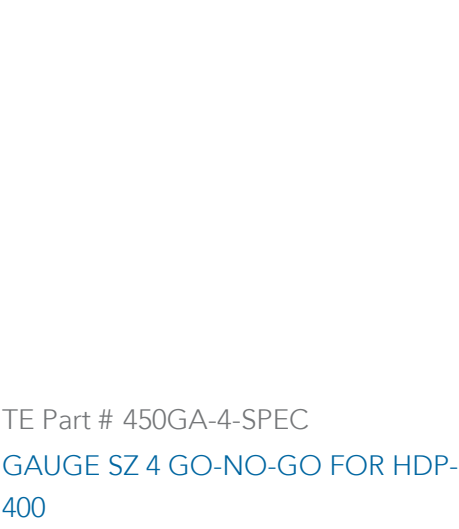
TE Part # 0434-205-0400  
1/2 DIE SET



TE Part # 400-414DA-4SPEC  
SZ 4 DIE ASM



TE Part # 400-4301-4S  
SZ 4 LOCATOR



TE Part # 450GA-4-SPEC  
GAUGE SZ 4 GO-NO-GO FOR HDP-400

Also in the Series | **DEUTSCH Common Contact**

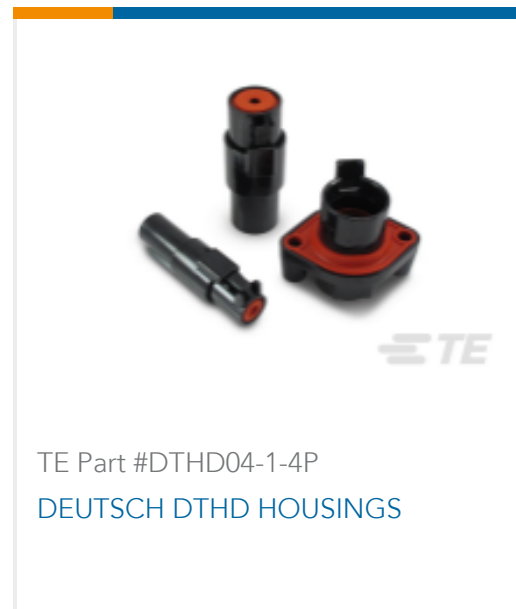
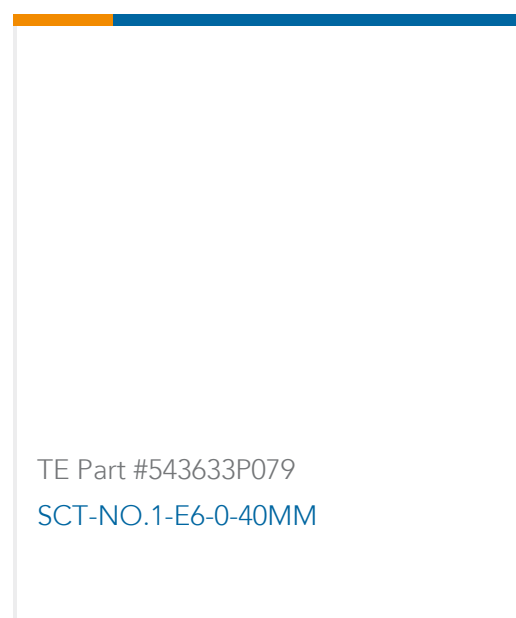


Automotive Terminals(98)



Insertion &amp; Extraction Tools(8)

## Customers Also Bought

TE Part #114009-ZZ  
EXT TOOL, SIZE 4, 6 AWG, N, WHTTE Part #HDP24-18-6PN  
DEUTSCH HDP20 HOUSINGSTE Part #DTHD04-1-4P  
DEUTSCH DTHD HOUSINGSTE Part #WB-51SAL  
WEDGE LOCK, 102P, PLG, GRY, LF,  
DRB, ATE Part #114019-ZZ  
SEALING PLUG, SIZE 4, WHTTE Part #0462-203-12141  
SOC, SOLID, SIZE 12, 12-14AWG, NITE Part #543633P079  
SCT-NO.1-E6-0-40MM

## Documents

### Product Drawings

SOC, SOLID, SIZE 4, 6AWG, NI

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-203-04141\\_99\\_c-0462-203-04141-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-203-04141\\_99\\_c-0462-203-04141-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-203-04141\\_99\\_c-0462-203-04141-99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



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**Datasheets & Catalog Pages**

**CONNECTOR SELECTOR**

English

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**Product Specifications**

**Engineering Report**

English

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**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English