



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 mm²**

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

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	12 mm²
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 Quantity	400
Packaging Method	Bag

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (1.2% in Component Part) 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, 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-D781-CH8172 DEUTSCH DRB Housings	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings
 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # HDT-04-08 CRIMP TOOL, HDT-04-08	 TE Part # HDP-400 POWER CRIMPER	 TE Part # 0410-241-0406 INSERT SEAL, CRIMP SLEEVE REDUCER
 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(91)	 Insertion & Extraction Tools(8)
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Customers Also Bought



TE Part # HDP24-18-6PN-L017
DEUTSCH HDP20 Housings

TE Part # DTHD04-1-4P
REC, 1P, BLK, N, SIZE 4

TE Part # HD36-18-6SN-C030
PLG, 6P, AL, N, 1256 BLKD, 4, S

TE Part # 0409-201-1800
CABLE CLAMP, 18SZ, AL

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

TE Part # 0428-204-2490
ADAPTER

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

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English