



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal & Splice Type: **Socket**
Mating Pin Diameter: **5.72 mm [.225 in]**
Terminal Transmits: **41 – 100 A (High Power)**
Wire Size: **13 – 16 mm²**

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

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal
Automotive Terminal Wire Type	Copper

Body Features

Automotive Terminal Seal Type	Family Seal or Unsealed
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Contact Features

Typical Current Rating	100 A
Crimp Type	Indent
Terminal & Splice Type	Socket
Mating Pin Diameter	5.72 mm[.225 in]
Automotive Terminal Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Nickel (Ni)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	13 – 16 mm²
Wire Size Search	6 AWG



Usage Conditions

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

Packaging Features

Packaging Method	Box
Packaging Quantity	800

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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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-D48-PCH8172
DEUTSCH DTHD HOUSINGS

TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS

TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS

TE Part # HDP-400
POWER CRIMPER

TE Part # HDT-04-08
CRIMP TOOL, HDT-04-08

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

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

Also in the Series | DEUTSCH Common Contact

Automotive Terminals(95)

Insertion & Extraction Tools(12)

Customers Also Bought





TE Part #HDP26-18-6SN
DEUTSCH HDP20 HOUSINGS



TE Part #DTHD06-1-4S
DEUTSCH DTHD HOUSINGS



TE Part #2414-002-1886
DEUTSCH HDP20 MOUNTING
HARDWARE



TE Part #0460-204-0490
DEUTSCH SOLID CONTACTS



TE Part #WP-2S
DEUTSCH DTP WEDGELOCKS

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

Application Specification

English

Product Environmental Compliance

Product Compliance



English

Product Compliance

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