



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal & Splice Type: **Socket**
Mating Pin Diameter: **2.39 mm [.094 in]**
Terminal Transmits: **25 – 40 A (Power)**
Wire Size: **.75 – 3. 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	25 A
Crimp Type	Indent
Terminal & Splice Type	Socket
Mating Pin Diameter	2.39 mm[.094 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	.75 – 3. mm²
Wire Size Search	12 AWG, 14 AWG, 16 AWG, 18 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	5000

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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Pb (.5% 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-D486-CH8172
DEUTSCH DTP HOUSINGS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172
DEUTSCH DRC HOUSINGS



TE Part # CAT-D48-PCH8172
DEUTSCH DTHD HOUSINGS



TE Part # CAT-D489-J562
Jiffy Splice



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED
CONTACTS



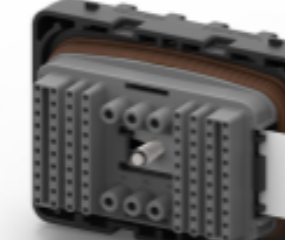
TE Part # HDP-400
POWER CRIMPER



TE Part # HDT-50-00
CRIMP TOOL



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



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



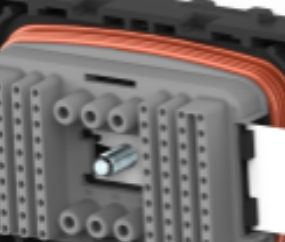
TE Part # CAT-H3910-CH8172
DEUTSCH HD10 HOUSINGS



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



TE Part # 2372208-1
SDE HDT-1561-NG DEUTSCH 16-
20AWG ASSY



TE Part # DRCP28-86SB
PLG, 86P, BLK, 12/20, B



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



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



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

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



Automotive Terminals(95)



Insertion & Extraction Tools(12)

Customers Also Bought



TE Part #2411-001-2405
DEUTSCH HDP20 MOUNTING
HARDWARE



TE Part #DTP06-4S
DEUTSCH DTP HOUSINGS



TE Part #WP-4S
DEUTSCH DTP WEDGELOCKS



TE Part #0460-204-12141
DEUTSCH SOLID CONTACTS



TE Part #0413-204-2005
DEUTSCH SEALING PLUGS



TE Part #W12P
DEUTSCH DT WEDGELOCKS

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

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

MD_0462-203-12141_0716201863_dmtec

English

MD_0462-203-12141_0716201863_dmtec

English