



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**
Wire Size: **12 – 14 AWG**
Interface Plating: **Nickel (Ni)**
Primary Locking Feature: **Integrated in Housing**

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

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	No

Contact Features

Typical Current Rating	25 A
Crimp Type	Indent Crimp
Contact Size	Size 12
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Terminal Type	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	2.4 mm[.094 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	12 – 14 AWG
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Wire Size Search	2 mm², 2.5 mm², 3 mm²
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[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	Crate
Packaging Quantity	1250

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (.75% in 16734923483) 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

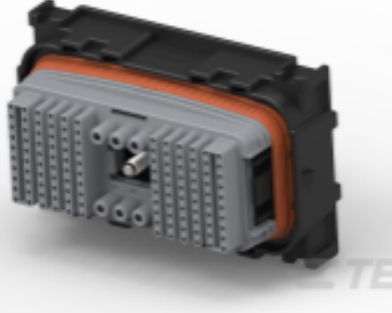
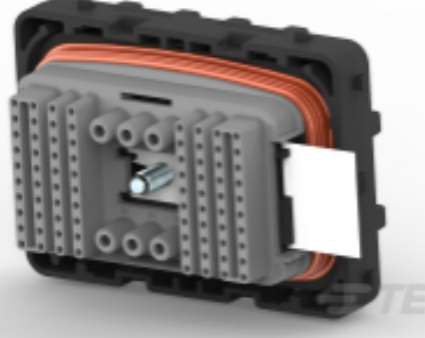
Product Compliance Disclaimer

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 # 2372208-1 SDE HDT-1561-NG DEUTSCH 16-20AWG ASSY	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings
 TE Part # HDT-50-00 CRIMP TOOL	 TE Part # DRCP26-126SA PLG, 126P, BLK, 12/20, A	 TE Part # 400-414DA-12N SZ 12 DIE ASM	 TE Part # DRCP28-86SC PLG, 86P, BLK, 12/20, C
 TE Part # HDT-48-00 CRIMP TOOL, HAND	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # DRCP28-86SB PLG, 86P, BLK, 12/20, B	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings
 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	 TE Part # 400-4301-12S SZ 12 LOCATOR	 TE Part # 1060-12-0222 PIN, SF, SIZE 12, 10, NI/NI	 TE Part # 450GA-12N GA-12N068 GAUGE SZ12 GO-NO-GO HDP-400



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings

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

TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings

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

Also in the Series | DEUTSCH Common Contact

Automotive Terminals(127)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #CAT-D486-W416
DEUTSCH DTP Wedgelocks

TE Part #CAT-D486-CH8172
DEUTSCH DTP Housings

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

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
DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English
CONNECTOR SELECTOR

English

Product Specifications
Engineering Report

English