



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Wire Size: **8 – 10 AWG**

Interface Plating: **Nickel (Ni)**

Sealable: **No**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Typical Current Rating	60 A
Crimp Type	Indent Crimp
Contact Size	Size 8
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Terminal Type	Pin
Interface Plating	Nickel (Ni)
Mating Pin Diameter	3.61 mm[.142 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	8 – 10 AWG
Wire Size Search	5 mm², 6 mm², 8 mm²



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	Bag
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in 74005426) 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

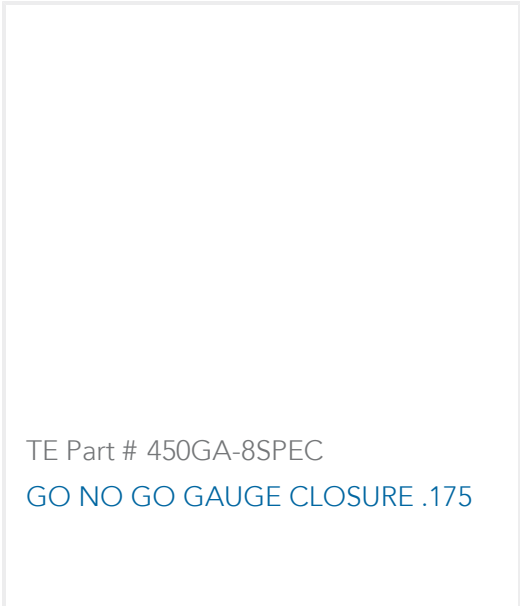
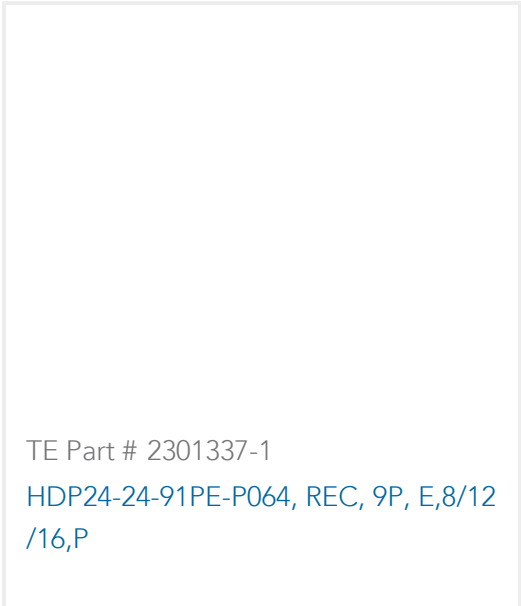
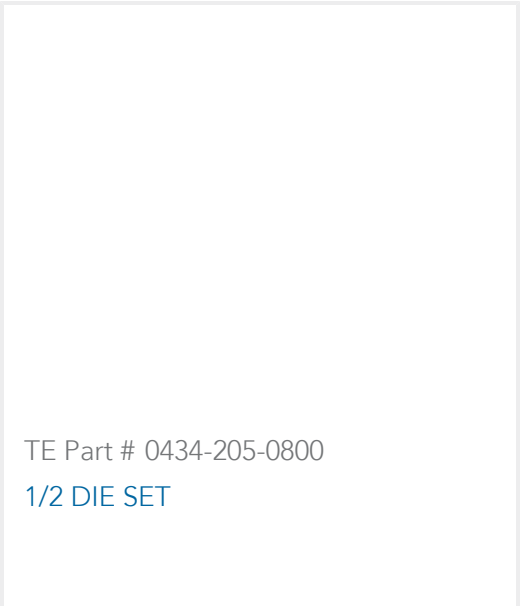
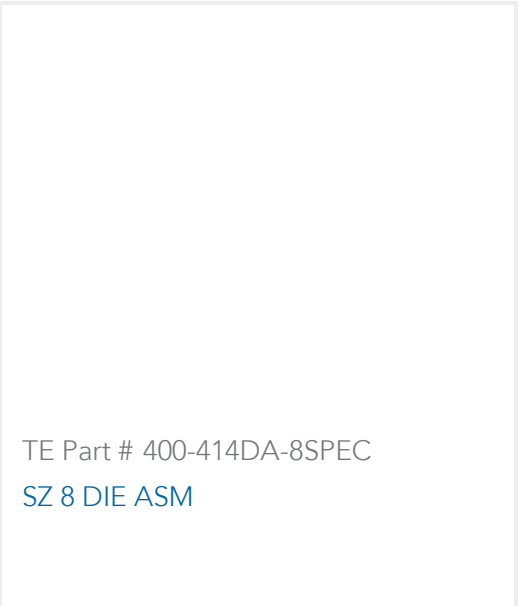
Product Compliance Disclaimer

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

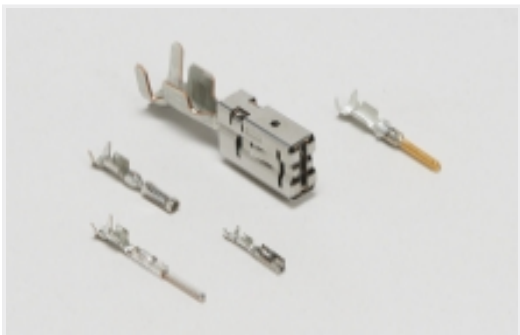


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 0462-203-08141 SOC, SOLID, SIZE 8, 8-10AWG, NI	 TE Part # 400-4301-8S SZ 8 LOCATOR	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 TE Part # HDP-400 POWER CRIMPER
 TE Part # HDT-04-08 CRIMP TOOL, HDT-04-08	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings
 TE Part # 450GA-8SPEC GO NO GO GAUGE CLOSURE .175	 TE Part # 2301337-1 HDP24-24-91PE-P064, REC, 9P, E,8/12 /16,P	 TE Part # 0434-205-0800 1/2 DIE SET	 TE Part # 400-414DA-8SPEC SZ 8 DIE ASM

Also in the Series | DEUTSCH Common Contact

 Automotive Terminals(127)	 Insertion & Extraction Tools(8)
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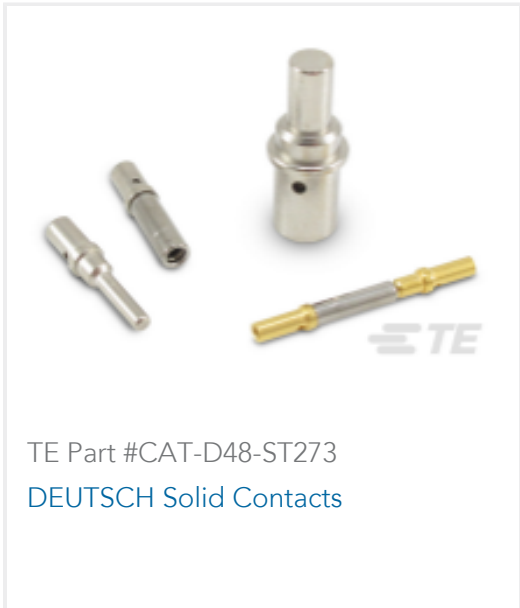
Customers Also Bought



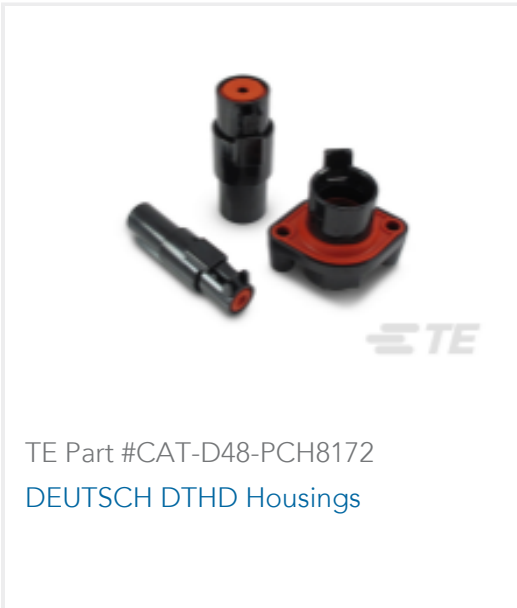
TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #114019-ZZ
SEALING PLUG, SIZE 4, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D48-PCH8172
DEUTSCH DTHD Housings



TE Part #WB-51SAL
WEDGE LOCK, 102P, PLG, GRY, LF,
DRB, A

Documents

Product Drawings

PIN, SOLID, SIZE 8, 8-10AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0460-204-08141_99_c-0460-204-08141-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0460-204-08141_99_c-0460-204-08141-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0460-204-08141_99_c-0460-204-08141-99.3d_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

0460-204-08141

Pin Terminal, 8 – 10 AWG, 5 – 8 mm² Wire, Nickel (Ni), 3.61 mm [.142 in] Pin Diameter,
Terminates To Wire, DEUTSCH Common Contact

