



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-202-20141

Pin, Pin Diameter 1 mm [.04 in], 20 AWG Wire Size, .5 mm<sup>2</sup> Wire Size, Nickel (Ni) Interface Plating, DEUTSCH Common Contact, Automotive Terminals

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Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Mating Pin Diameter: **1 mm [.04 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.5 mm<sup>2</sup>**

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

### Features

#### Operation/Application

Compatible With Wire Base Material	Copper
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#### Packaging Features

Packaging Method	Crate
Packaging Quantity	5000

#### Usage Conditions

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

#### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

#### Product Type Features

Receptacle Style	180°
Sealable	No

#### Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)



EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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### Contact Features

Typical Current Rating	7.5 A
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Crimp Type	Indent
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Contact Size	Size 20
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Contact Fabrication	Solid
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Wire Contact Termination Area Plating Material	Nickel
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Terminal Type	Pin
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Mating Pin Diameter	1 mm [.04 in]
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Interface Plating	Nickel (Ni)
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### Dimensions

Wire Size	.5 mm <sup>2</sup>
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Wire Size Search	.5 mm <sup>2</sup>
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1.2% in Component Part)
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**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
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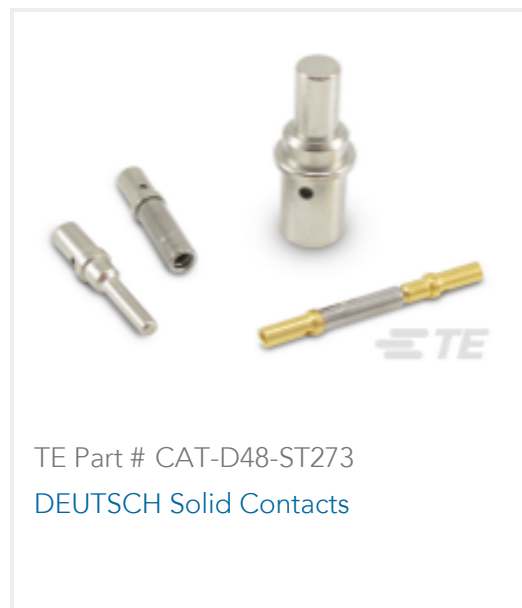
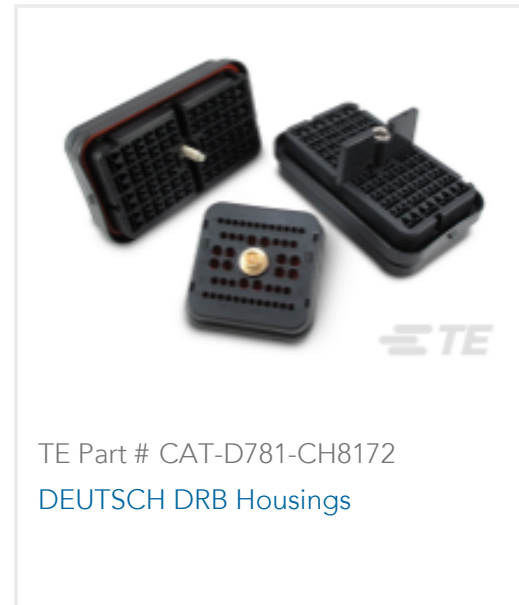
Solder Process Capability	Not reviewed for solder process capability
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#### Product Compliance Disclaimer

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

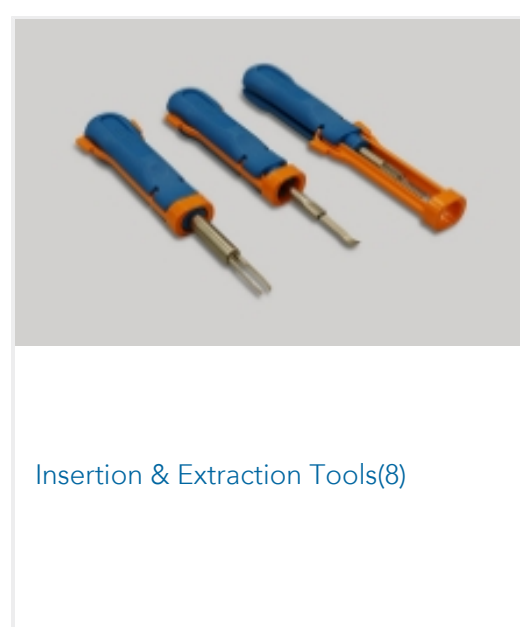
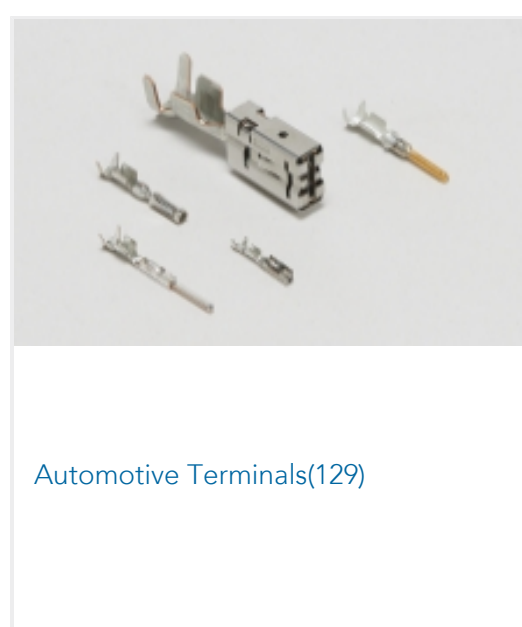
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

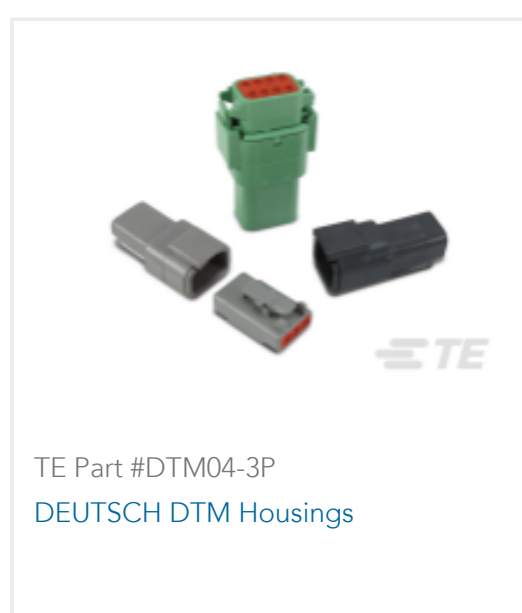




## Also in the Series | DEUTSCH Common Contact



## Customers Also Bought



## Documents

### Product Drawings

PIN, SOLID, SIZE 20, 20AWG, NI

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-20141\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-20141\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-20141\\_C.3d\\_stp.zip](#)



English

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

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**Datasheets & Catalog Pages**

**DEUTSCH HD30 & HDP20 CONNECTOR SERIES**

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**CONNECTOR SELECTOR**

English

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**Product Specifications**

**Engineering Report**

English