

**WIN***SOURCE*  
**ELECTRONICS**

**THE DATASHEET OF**  
**0460-202-1631**





DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-202-1631

Pin Terminal, Gold (Au), 1.59 mm [.062 in] Pin Diameter, 16 – 20 AWG, .5 – 1.5 mm<sup>2</sup> Wire, Terminates To Wire, DEUTSCH Common Contact

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Interface Plating: **Gold (Au)**

Mating Pin Diameter: **1.59 mm [.062 in]**

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

Wire Size: **16 – 20 AWG**

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

## Features

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Carrier
Packaging Quantity	2500

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °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
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Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

### Contact Features

Typical Current Rating	13 A
Crimp Type	Indent Crimp
Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Pin
Interface Plating	Gold (Au)
Mating Pin Diameter	1.59 mm [.062 in]

### Dimensions

Wire Size	.5 – 1.5 mm <sup>2</sup>
Wire Size Search	1 mm <sup>2</sup> , .5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , .75 mm <sup>2</sup>

### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1.2% in Component Part) <b>Article Safe Usage Statements:</b> 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 # DTV02-18PD-P055  
 REC, 18P, BRN, N, FLANGE, NO  
 INSERTS, D



TE Part # 2301337-1  
 HDP24-24-91PE-P064, REC, 9P, E,8/12  
 /16,P




TE Part # DTV02-18PA-C015  
 REC, 18P, GRY, E, FLANGE, A




TE Part # CAT-D799-CH8172  
 DEUTSCH DRC Housings




TE Part # DTV02-18PB  
 REC, 18P, BLK, N, FLANGE, B



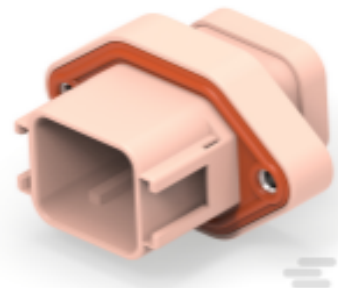
TE Part # AEC14-40PABE-E019  
 REC, 40P, BLK, E, XCAP, AB



TE Part # AEC14-40PCE-E019  
 REC, 40P, BLK, E, XCAP, C



TE Part # AEC14-40PDE-E019  
 REC, 40P, BLK, E, XCAP, D



TE Part # DTV02-18PD-C032  
 REC, 18P, BRN, N, FLANGE, 7-12  
 BLOCK, D



TE Part # DTV02-18PC  
 REC, 18P, GRN, N, FLANGE, C



TE Part # DTV02-18PC-C015  
 REC, 18P, GRN, E, FLANGE, C




TE Part # 2484670-3  
 REC, 6P, BLK, N, FLANGE



TE Part # DTV02-18PB-C015  
 REC, 18P, BLK, E, FLANGE, B



TE Part # CAT-H3930-CH8172  
 DEUTSCH HD30 Housings



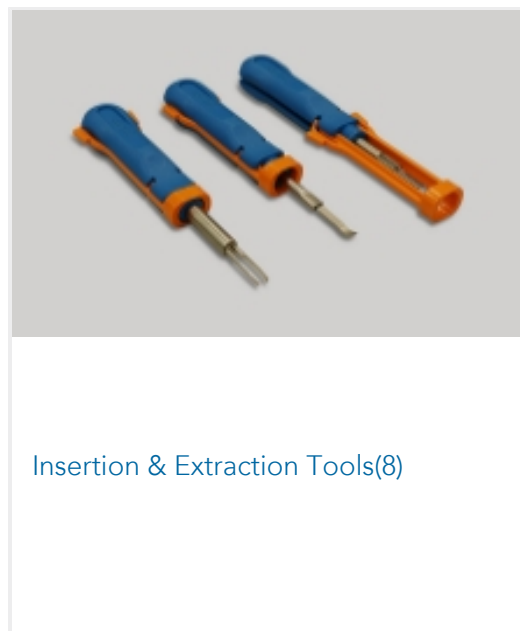
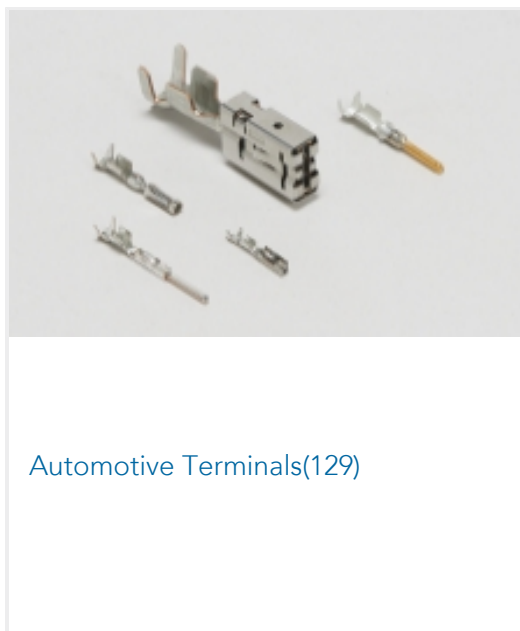
TE Part # CAT-D781-CH8172  
 DEUTSCH DRB Housings



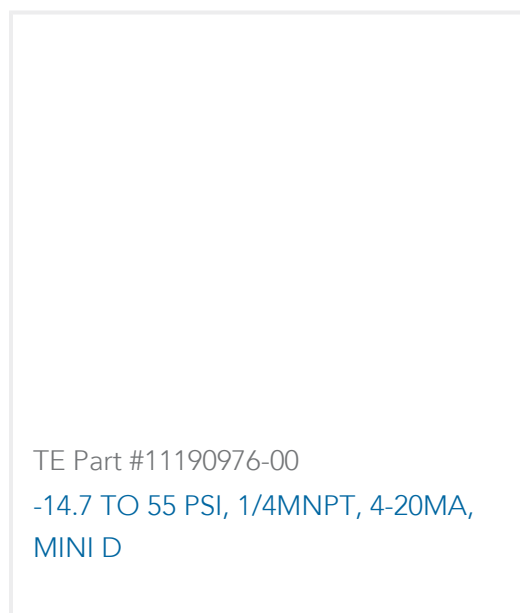
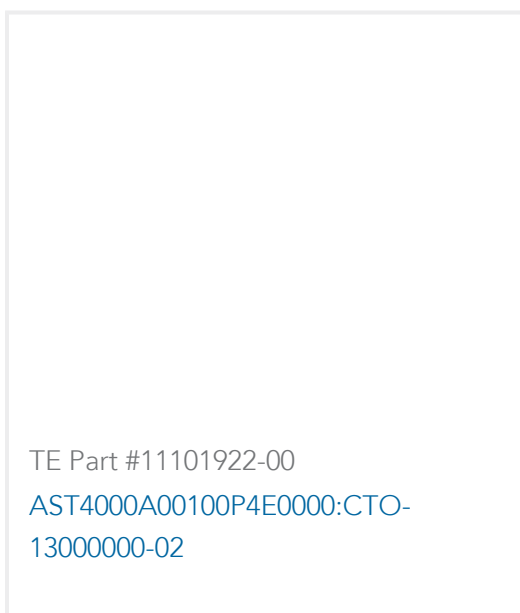
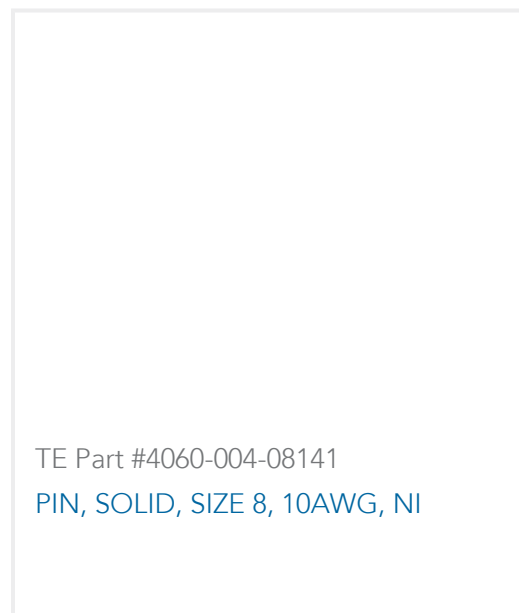
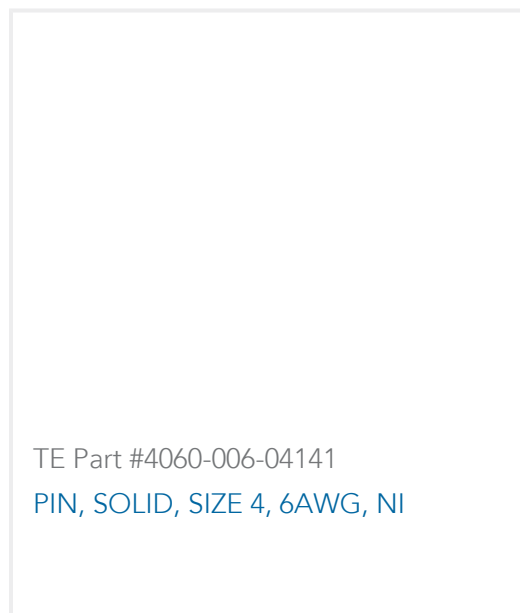
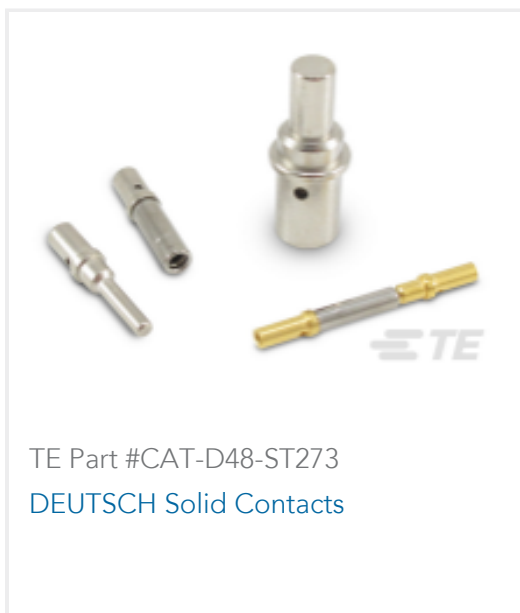
TE Part # CAT-J41-DDSCC  
 DEUTSCH DT Connectors with snap  
 cap



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



Customers Also Bought



Documents

Product Drawings

PIN, SOLID, SIZE 16, 16-20AWG, AU

English

CAD Files

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-1631\\_L.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-1631\\_L.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-202-1631\\_L.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

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## Product Specifications

[Engineering Report](#)

English

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[TE Connectivity Information](#)

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