



**DEUTSCH | DEUTSCH Common Contact**

TE Internal #: 0460-247-1631

Pin Terminal, Gold (Au), 1.5 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: **1.5 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	Package
Packaging Quantity	1

### 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
Primary Locking Feature	Clean Body

### Other

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Customer Preferred Contact	Yes
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	1.5 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>
Tab Length	47.88 mm [1.88 in]

### Product Compliance

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

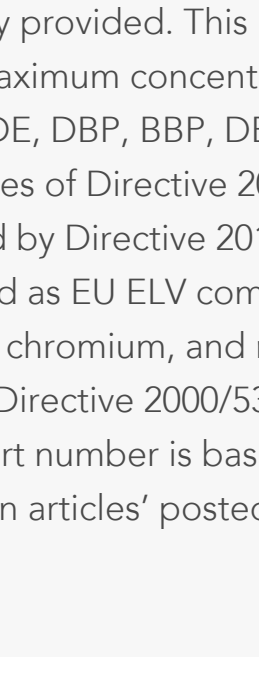
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: 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 # HDP24-24-21PE-9974  
REC, 21P, BLK, E, 12/16, P



TE Part # DTV02-18PA-P055  
REC, 18P, GRY, N, FLANGE, NO  
INSERTS, A



TE Part # DTV02-18PD-C015  
REC, 18P, BRN, E, FLANGE, D




TE Part # 2375997-2  
DT04-08PB-P093, REC, 8P BLK, BUSBAR  
G, 4X2, B



TE Part # DTV02-18PD  
REC, 18P, BRN, N, FLANGE, D



TE Part # CAT-J41-DDRC  
DEUTSCH DT Receptacle Connectors



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings

TE Part # 400-414DA-16N048  
SZ 16 DIE ASM

TE Part # AEC14-40PC  
REC, 40P, BLK, N, C



TE Part # DTV02-18PC-C032  
REC, 18P, GRN, N, FLANGE, 7-12  
BLOCK, C



TE Part # DTV02-18PC-P055  
REC, 18P, GRN, N, FLANGE, NO  
INSERTS, C

TE Part # PDT-48-00  
CRIMP TOOL

TE Part # 450GA-16N  
GA-16N048 GAUGE SZ16 GO-NO-GO  
HDP-400

TE Part # AEC14-40PAB  
REC, 40P, BLK, N, AB

TE Part # AEC14-40PD  
REC, 40P, BLK, N, D



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-D487-CH8172  
DEUTSCH DT Series Housings & Connectors

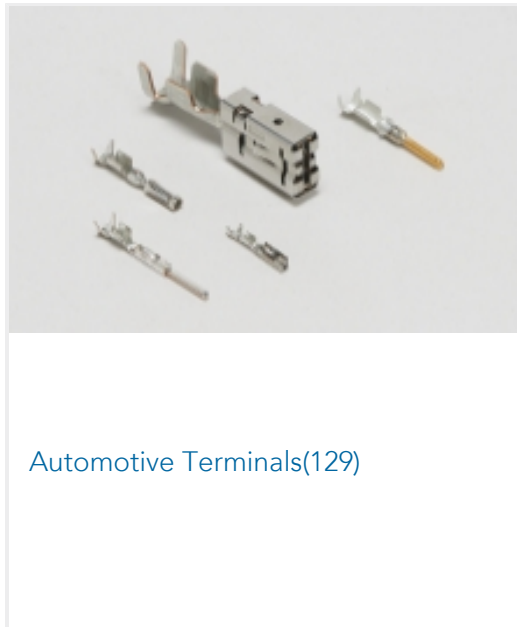


TE Part # DTV02-18PA  
REC, 18P, GRY, N, FLANGE, A

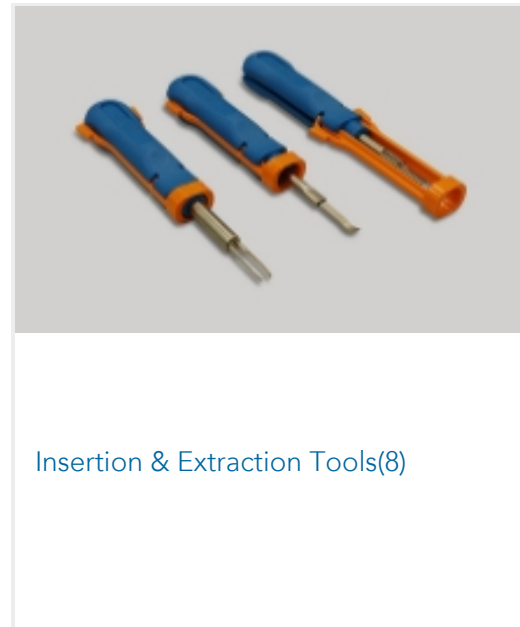


TE Part # DTV02-18PB-P055  
REC, 18P, BLK, N, FLANGE, NO INSERTS, B

## Also in the Series | DEUTSCH Common Contact

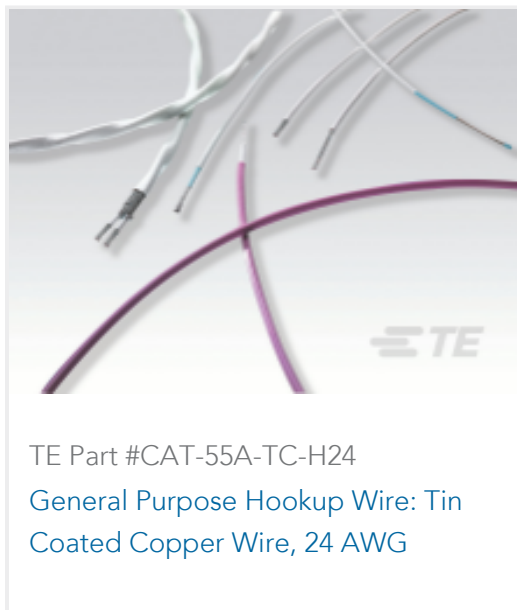


Automotive Terminals(129)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #CAT-55A-TC-H24  
General Purpose Hookup Wire: Tin Coated Copper Wire, 24 AWG



TE Part #DT04-3P-LE08  
REC, 3P, GRY, N, XCAP, FLANGE



TE Part #1617761-7  
FCB-405-CX4



TE Part #2160753002  
55A0111-24-5



TE Part #ES325E3HD  
ES325E3HD=RELAY



TE Part #CAT-R21-73107237  
Heat Shrink Boots: Lipped, Straight



TE Part #T4132012031-000  
M12,FRONT MOUNT,MALE,A,3P, SOLDER WIRE



TE Part #936248-2  
090 SLD 2P PLUG ASSY BLACK

## Documents

### Product Drawings

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

English

### CAD Files

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-247-1631\\_99\\_c-0460-247-1631-99.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-247-1631\\_99\\_c-0460-247-1631-99.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_0460-247-1631\\_99\\_c-0460-247-1631-99.3d\\_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

[Application Specification](#)

English