

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

**THE DATASHEET OF**  
**0462-005-2031**





**DEUTSCH | DEUTSCH Common Contact**

TE Internal #: 0462-005-2031

Socket Terminal, Gold (Au), 1 mm [.04 in] Pin Diameter, 16 – 18 AWG, .75 – 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: **Socket**

Interface Plating: **Gold (Au)**

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

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

Wire Size: **16 – 18 AWG**

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

## Features

### Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

### Packaging Features

Packaging Method	Carton
Packaging Quantity	5000

### Usage Conditions

Insulation Option	Partially Insulated
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
----------------------------	-----



Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

### Contact Features

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

### Dimensions

Wire Size	.75 – 1.5 mm <sup>2</sup>
Wire Size Search	1 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 # DRC26-24SC  
PLG, 24P, BLK, N, C

TE Part # DRC26-40SB-P017  
PLG, 40P, BLK, N, SS CLIP, B

TE Part # DRC26-50S08-C027  
PLG, 50P, BLK, N, SPECIAL GROMMET, 08

TE Part # DRC26-40SD-P017  
PLG, 40P, BLK, N, SS CLIP, D



TE Part # DRCP28-86SA  
PLG, 86P, BLK, 12/20, A

TE Part # PDT-48-00  
CRIMP TOOL



TE Part # DTMH06-4SD  
PLG, 4P, BLK, N, HI TEMP, D



TE Part # DTMH06-2SD  
PLG, 2P, BLK, N, HI TEMP, D



TE Part # DTMH06-4SC  
PLG, 4P, BLK, N, HI TEMP, C



TE Part # DTMH06-3SB  
PLG, 3P, BLK, N, HI TEMP, B



TE Part # DTMH06-4SA  
PLG, 4P, BLK, N, HI TEMP, A



TE Part # HDP-400  
POWER CRIMPER

TE Part # DRC26-24SD-P017  
PLG, 24P, BLK, N, SS CLIP, A

TE Part # DRC26-24SC-P017  
PLG, 24P, BLK, N, SS CLIP, A

TE Part # DRC26-40SA-PL01  
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, A

TE Part # DRC26-40SC-PL01  
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, C



TE Part # DRC26-50S03-C027  
PLG, 50P, BLK, N, SPECIAL GROMMET, 03

TE Part # 450GA-20N  
GAUGE SZ 20 GO-NO-GO FOR HDP-400

TE Part # DTMH06-4SB  
PLG, 4P, BLK, N, HI TEMP, B

TE Part # CAT-D799-CH8172  
DEUTSCH DRC Housings

## Also in the Series | DEUTSCH Common Contact

Automotive Terminals(129)

Insertion & Extraction Tools(8)

## Customers Also Bought

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

TE Part #HD34-24-47SE  
REC, 47P, AL, E, 16/20, S

TE Part #ER34482001  
DWHF-40/13-0-STK

TE Part #4060-006-04141  
PIN, SOLID, SIZE 4, 6AWG, NI

TE Part #4060-004-08141  
PIN, SOLID, SIZE 8, 10AWG, NI

TE Part #8N1517-32-25P  
REC, 32P, AL, N, 4/8/12/16, P

TE Part #11101922-00  
AST4000A00100P4E0000:CTO-13000000-02

TE Part #11102092-00  
160 PSI, 1/4MNPT, 4-20mA, Mini DIN 43650

TE Part #11190976-00  
-14.7 TO 55 PSI, 1/4MNPT, 4-20MA, MINI D



## Documents

### Product Drawings

[SOC, SOLID, SIZE 20, 16-18AWG, AU](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-005-2031\\_99\\_c-0462-005-2031-99.3d\\_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

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

[View 0462-005-2031 on WIN SOURCE](#)

[TE Connectivity Information](#)

### Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management