



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-201-2031

Automotive Terminals, Socket, Pin Diameter .04 in [1.02 mm], 20 AWG Wire Size, .5 mm<sup>2</sup> Wire Size, Locking On the Terminal, DEUTSCH Common Contact

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Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: **Socket**

Mating Pin Diameter: 1.02 mm [ .04 in ]

Terminal Transmits: 0 – 24 A (Low Power)

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

[All DEUTSCH SOLID CONTACTS \(44\)](#)

### Features

#### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

#### Contact Features

Contact Size	Size 20
Contact Fabrication	Screw Machine
Typical Current Rating	7.5 A
Crimp Type	Indent
Terminal Type	Socket
Mating Pin Diameter	1.02 mm [.04 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Gold (Au)

#### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

#### Dimensions

Wire Size	.5 mm <sup>2</sup>
Wire Size Search	20 AWG



### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Box
Packaging Quantity	5000

### Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low 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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # CAT-H3930-CH8172  
DEUTSCH HD30 HOUSINGS



TE Part # CAT-D485-CH8172  
DEUTSCH DTM HOUSINGS




TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # HDT-50-00  
CRIMP TOOL



TE Part # CAT-D781-CH8172  
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172  
DEUTSCH DRC HOUSINGS



TE Part # CAT-ST858-CH8172  
DEUTSCH STRIKE HOUSINGS



TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # HDT-48-00  
CRIMP TOOL, HAND



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



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



TE Part # 400-414DA-20N  
SZ 20 DIE ASM



TE Part # DRC26-24SB  
PLG, 24P, BLK, N, B



TE Part # DRC26-50S06  
PLG, 50P, BLK, N, 06



TE Part # DRC26-50S09  
PLG, 50P, BLK, N, 09



TE Part # DRC26-60S01  
PLG, 60P, BLK, N, 01



TE Part # DRC26-60S04  
PLG, 60P, BLK, N, 04

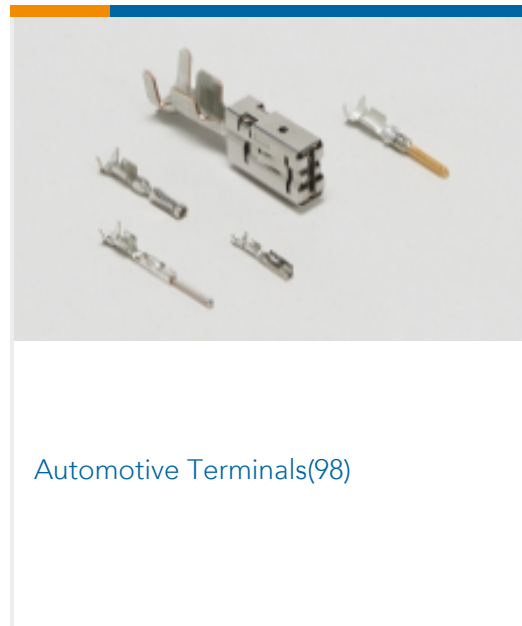


TE Part # DRCP26-126SA  
PLG, 126P, BLK, 12/20, A

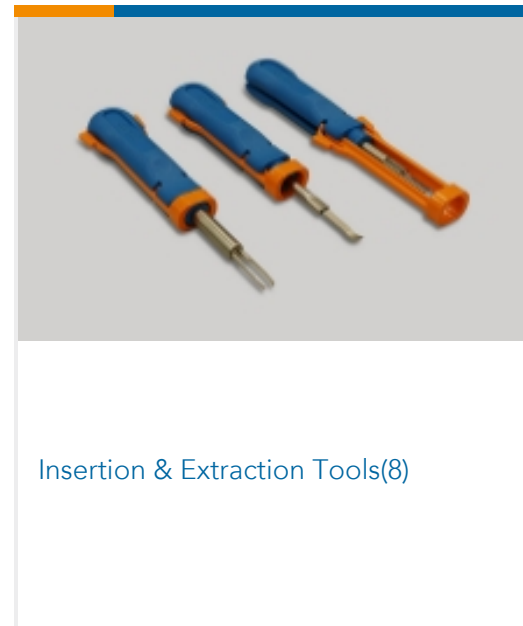


TE Part # DRCP28-86SB  
PLG, 86P, BLK, 12/20, B

## Also in the Series | DEUTSCH Common Contact

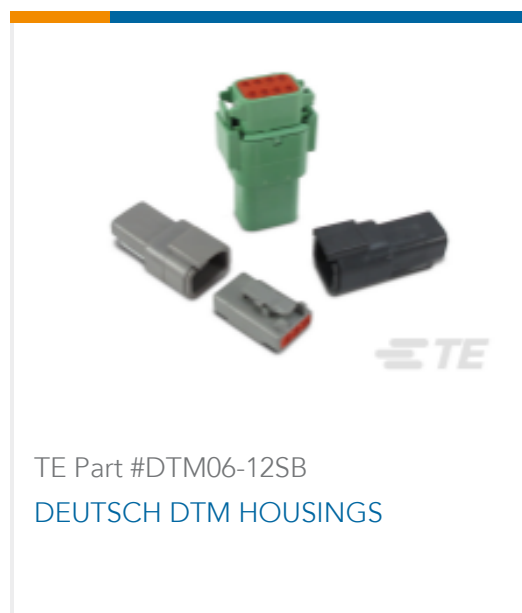


Automotive Terminals(98)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #DTM06-12SB  
DEUTSCH DTM HOUSINGS



TE Part #WM-4S  
DEUTSCH DTM WEDGELOCKS



TE Part #0462-005-2031  
DEUTSCH SOLID CONTACTS

## Documents

### Product Drawings

SOC, SOLID, SIZE 20, 20AWG, AU

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-201-2031\\_99\\_c-0462-201-2031-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-201-2031\\_99\\_c-0462-201-2031-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_0462-201-2031\\_99\\_c-0462-201-2031-99.3d\\_stp.zip](#)



English

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

### Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Engineering Report](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English