



enetSEAL+ | DEUTSCH Common Contact

TE Internal #: 1062-20-0144

Automotive Terminals, Socket, Pin Diameter .04 in [1.02 mm], 22 – 15 AWG Wire Size, .35 – 1.5 mm<sup>2</sup> Wire Size, DEUTSCH Common Contact

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > DEUTSCH STAMPED & FORMED CONTACTS



Terminal Type: **Socket**

Mating Pin Diameter: 1.02 mm [.04 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .35 – 1.5 mm<sup>2</sup>

[All DEUTSCH STAMPED & FORMED CONTACTS \(54\)](#)

### Features

#### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

#### Contact Features

Contact Size	Size 20
Contact Fabrication	Stamped & Formed
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.02 mm [.04 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

#### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

### Dimensions

Wire Size

.35 – 1.5 mm<sup>2</sup>

Wire Size Search

15 AWG, 16 AWG, 18 AWG, 20 AWG, 22 AWG

Wire Insulation Diameter

1.91 – 3.18 mm [.075 – .125 in]

### 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

### Packaging Features

Packaging Method

Reel

Packaging Quantity

4000

### Other

Customer Preferred Contact

Yes

Terminal Transmits

0 – 24 A (Low Power)

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

No 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)  
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 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 # DTT-20-00  
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-ST273  
DEUTSCH SOLID CONTACTS



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



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



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



TE Part # 2-2266116-1  
OCEAN\_2.0\_Applicator-S-069F1100




TE Part # 2-2266116-2  
OCEAN\_2.0\_Applicator-S-069F1100



TE Part # 2-2266117-1  
OCEAN-2.0-APPLICATOR-S-069F0900



TE Part # 2-2266117-2  
OCEAN-2.0-APPLICATOR-S-069F0900A



TE Part # 2-2266118-1  
OCEAN\_2.0\_APPPLICATOR-S-069F0800



TE Part # 2-2266118-2  
OCEAN\_2.0\_APPPLICATOR-S-069F0800A



TE Part # 2266116-1  
OCEAN\_2.0\_Applicator-S-069F1100




TE Part # 2266116-2  
OCEAN\_2.0\_Applicator-S-069F1100




TE Part # 2266117-1  
OCEAN-2.0-APPLICATOR-S-069F0900

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(98)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #0528-002-6005  
BKSHL, 60P, BLK, PLG, RA, NW 17



TE Part #0413-204-2005  
SEALING PLUG, SIZE 20, RED



TE Part #1060-20-0122  
DEUTSCH STAMPED & FORMED CONTACTS




TE Part #DTP04-4P-P052  
REC, 4P, GRY, 90DEG FEEDTHRU



TE Part #YHDP24-18-20PEL024  
REC, 20P, BLK, E, WTHD, 16/20, P



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



TE Part #1010-069-0306  
FRONT SEAL



## Documents

### Product Drawings

[SOC, SF, SIZE 20, 16-22, AU/SN](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.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

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_1062-20-0144\\_01242018735\\_dmtec](#)

English

[MD\\_1062-20-0144\\_01242018735\\_dmtec](#)

English