

1062-20-0177 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 1062-20-0177

Socket Terminal, 22 – 16 AWG, .35 – 1.5 mm<sup>2</sup> Wire, Tin (Sn), 1 mm [.04 in] Pin Diameter, Family Seal or Unsealed, DEUTSCH Common Contact

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Automotive Parts > Automotive Terminals > DEUTSCH Stamped and Formed Contacts



Terminal Type: **Socket**

Wire Size: **22 – 16 AWG**

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Integrated in Housing**

[All DEUTSCH Stamped and Formed Contacts \(56\)](#)

## Features

### Product Type Features

|                         |                       |
|-------------------------|-----------------------|
| Receptacle Style        | 180°                  |
| Primary Locking Feature | Integrated in Housing |
| Sealable                | No                    |

### Body Features

|                    |                         |
|--------------------|-------------------------|
| Terminal Seal Type | Family Seal or Unsealed |
|--------------------|-------------------------|

### Contact Features

|  |                  |
|--|------------------|
| Typical Current Rating                         | 7.5 A            |
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | Size 20          |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Socket           |
| Interface Plating                              | Tin (Sn)         |



Mating Pin Diameter 1 mm[.04 in]

**Termination Features**

Termination Method to Wire & Cable Crimp  
 Product Terminates To Wire

**Dimensions**

Compatible Insulation Diameter Range 1.9 – 3.2 mm[.075 – .125 in]  
 Wire Size 22 – 16 AWG  
 Wire Size Search .35 mm<sup>2</sup>, .5 mm<sup>2</sup>, .75 mm<sup>2</sup>, 1 mm<sup>2</sup>, 1.5 mm<sup>2</sup>

**Usage Conditions**

Insulation Option Partially Insulated  
 Operating Temperature (Max) 125 °C[257 °F]  
 Operating Temperature Range -55 – 125 °C[-67 – 257 °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>](#)

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 2025 (247)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC  
 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 # DRC26-24SD  
PLG, 24P, BLK, N, D

TE Part # DRC26-40SD-L011  
PLG, 40P, BLK, N, ROUTER CAP, D

TE Part # DRC26-50S02-C027  
PLG, 50P, BLK, N, SPECIAL GROMMET, 02

TE Part # DRC26-60S03  
PLG, 60P, BLK, N, 03

TE Part # DRC26-60S08  
PLG, 60P, BLK, N, 08



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # DRCP28-86SC  
PLG, 86P, BLK, 12/20, C



TE Part # CAT-H3930-CH8172  
DEUTSCH HD30 Housings



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



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266118-8  
OCEAN\_2.0\_CONVERSIONKIT\_DEUTSCH-069F0800



TE Part # 5-2266118-1  
OCEAN\_2.0\_APPLICATOR-S-069F0800-RSM



TE Part # 2266118-1  
OCEAN\_2.0\_APPLICATOR-S-069F0800-RSM





TE Part # CAT-D48-SFT273  
DEUTSCH Stamped and Formed Contacts




TE Part # 5-2266117-2  
OCEAN-2.0-APPLICATOR-S-069F090OA-RSA




TE Part # 2391435-2  
SDE F PIN/SOCKET 16-18 DIE SET



TE Part # DRC26-40SD  
PLG, 40P, BLK, D




TE Part # CAT-ST858-CH8172  
DEUTSCH Strike Housings



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings

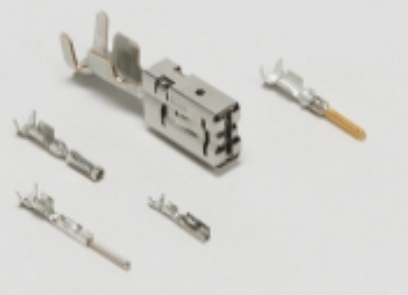


TE Part # 7-2266118-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-069F0800




TE Part # DRC26-50S10  
PLG, 50P, BLK, N, 10


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



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #ANT-GNRM-L1A-3  
Antenna GNSS L1-L3 Ext Mag RG174 3M SMA



TE Part #K2000166  
Micro Switch MN81 061 204



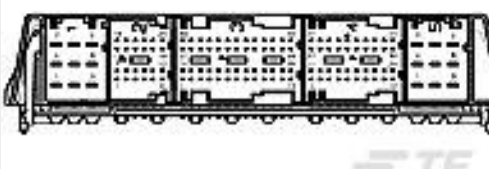
TE Part #HDP24-18-20PE  
REC, 20P, BLK, E, 16/20, P



TE Part #1060-20-0177  
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part #926522-2  
PL 250 REC HSG 2P NYLON NAT



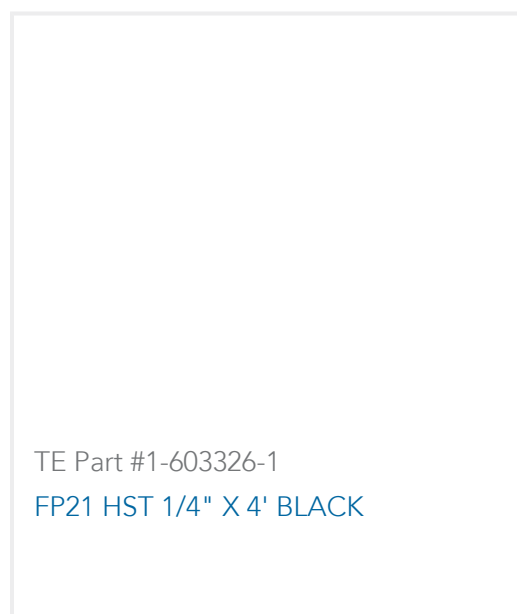
TE Part #7-967288-1  
134pos hybrid MQS .63 header 90deg



TE Part #2141034-1  
FUSE BOX ASSY,HARD WIRED,PRE FUSE



TE Part #EG8801-000  
400R0111-24-9



## Documents

### Product Drawings

SOC, SF, SIZE 20, 16-22, SN/SN

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0177\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0177\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0177\\_D.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

### Product Specifications

Application Specification

English