

1062-20-0177 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 1062-20-0177

Socket Terminal, 22 – 16 AWG, .35 – 1.5 mm² Wire, Tin (Sn), 1 mm [.04 in] Pin Diameter, Family Seal or Unsealed, DEUTSCH Common Contact

[View on TE.com >](#)



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 ² , .5 mm ² , .75 mm ² , 1 mm ² , 1.5 mm ²

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 0460-010-20309
PIN, SOLID, SIZE 20, 16-18AWG, SN

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

TE Part # DRC26-50S01-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 01

TE Part # DRC26-60S02
PLG, 60P, BLK, N, 02

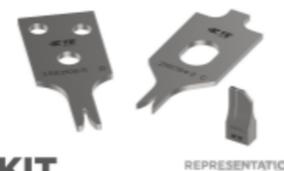
TE Part # DRC26-50S10-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 10

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



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

TE Part # DRC26-60S09
PLG, 60P, BLK, N, 09



KIT
REPRESENTATION ONLY

TE Part # 7-2266116-7
OCEAN_2.0_SPARE_PART_KIT-069F110O



TE Part # 5-2266116-1
OCEAN_2.0_Applicator-S-069F110O-RSM



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings



TE Part # 2266118-2
OCEAN_2.0_APPLICATION-S-069F080OA-RSA



REPRESENTATION ONLY. DIE SET MAY VARY.

TE Part # 2391435-1
SDE F PIN/SOCKET 16-18 ASSY

TE Part # 2266116-2
OCEAN_2.0_Applicator-S-069F1100-RSA

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

TE Part # 5-2266116-2
OCEAN_2.0_Applicator-S-069F1100-RSA

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

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

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

Automotive Terminals(154)

Insertion & Extraction Tools(8)

Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part #WM-12S
WEDGE LOCK, 12P, PLG, ORG, DTM

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

TE Part #YHV800-2P-90-50M-A
HVP800-2PHI XE,90,50SQMM,KEY A

TE Part #1028-015-1205
BKSHL, 12P, BLK, PLG, ST, NW 13/17

TE Part #796692-5
TERMI-BLOK PCB MOUNT 1&2 5P.5

TE Part #1-1743282-2
8POS MQS REC COD B

TE Part #2176329-9
CRGP 1210 47R 1%



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