

1060-20-0277 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 1060-20-0277

DEUTSCH Common Contact, Automotive Terminals, Pin, Pin

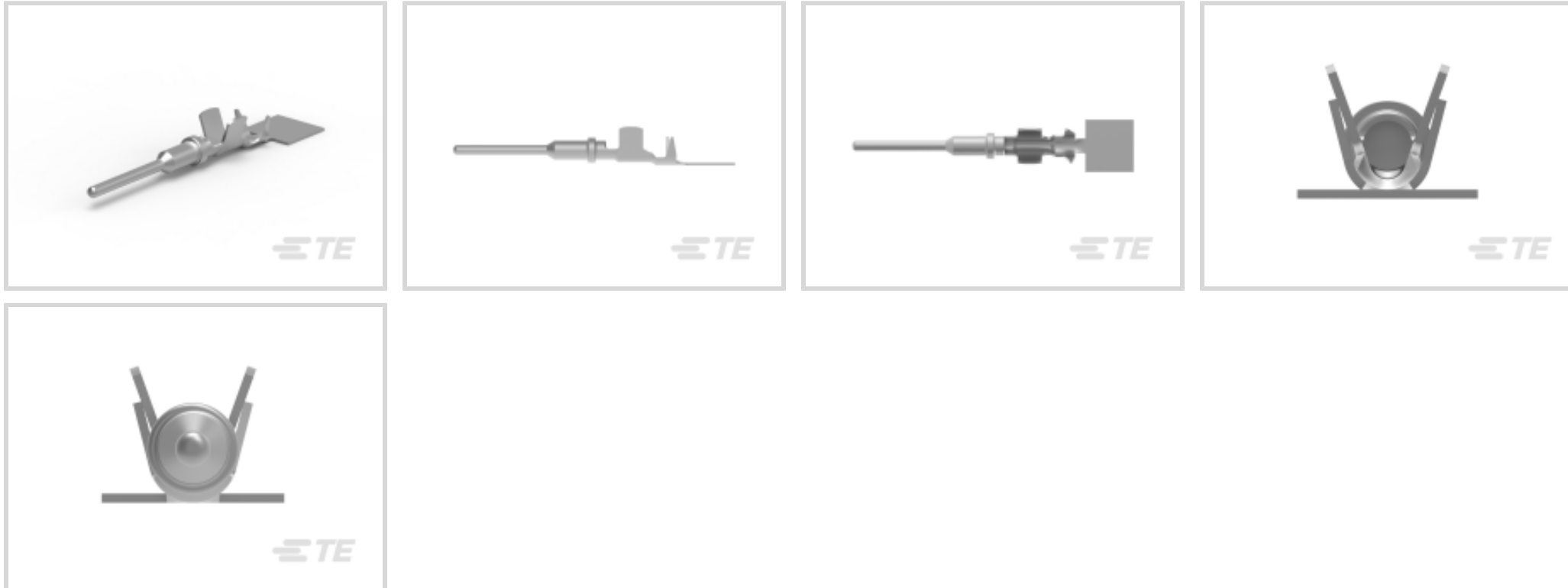
Diameter 1.02 mm [.04 in], Terminal Transmits 0 – 24 A (Low Power),

22 – 16AWG Wire Size

[View on TE.com >](#)



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



Terminal & Splice Type: Pin

Mating Pin Diameter: 1.02 mm [.04 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .3 – 1.3 mm<sup>2</sup>

[All DEUTSCH STAMPED & FORMED CONTACTS \(51\)](#)

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal
Automotive Terminal Wire Type	Copper

### Contact Features

Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal & Splice Type	Pin
Mating Pin Diameter	1.02 mm [.04 in]
Automotive Terminal Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Automotive Terminal Termination Method	Crimp
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### Dimensions



Wire Size	.3 – 1.3 mm <sup>2</sup>
Wire Size Search	16 AWG, 18 AWG, 20 AWG, 22 AWG
Wire Insulation Diameter	1.3 – 2.16 mm [.051 – .085 in]

### Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]

### 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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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 # CAT-ST858-CH8172  
DEUTSCH STRIKE HOUSINGS



TE Part # 0462-005-20309  
SOC, SOLID, SIZE 20, 16-18AWG, SN



TE Part # CAT-D781-CH8172  
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172  
DEUTSCH DRC HOUSINGS



TE Part # CAT-H3930-CH8172  
DEUTSCH HD30 HOUSINGS



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D485-CH8172  
DEUTSCH DTM HOUSINGS



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



TE Part # 2303064-1  
REC, 12P, GRY, N, FLANGE, A



TE Part # 2266120-1  
OCEAN\_2.0\_APPLICATOR-S-069F052O



TE Part # 2-2266119-1  
OCEAN\_2.0\_APPLICATOR-S-069F068O



TE Part # 2-2266119-2  
OCEAN\_2.0\_APPLICATOR-S-069F068O



TE Part # 2-2266120-1  
OCEAN\_2.0\_APPLICATOR-S-069F052O



TE Part # 2-2266120-2  
OCEAN\_2.0\_APPLICATOR-S-069F052OA



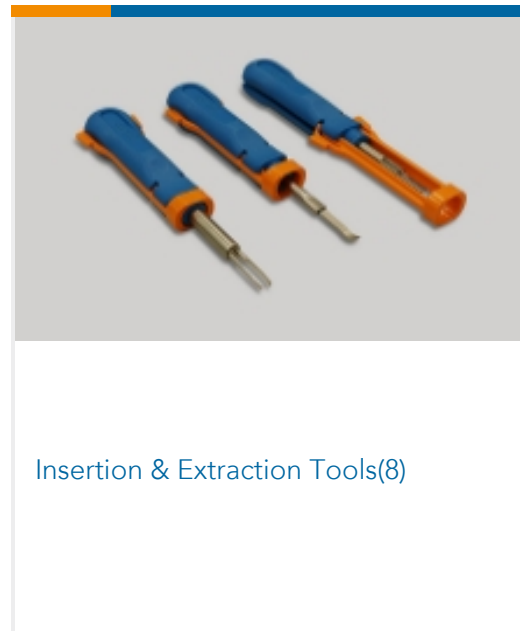
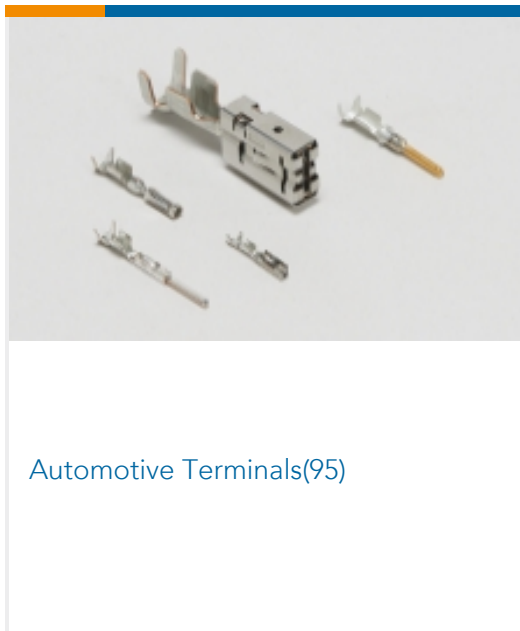
TE Part # 2266119-1  
OCEAN\_2.0\_APPLICATOR-S-069F068O



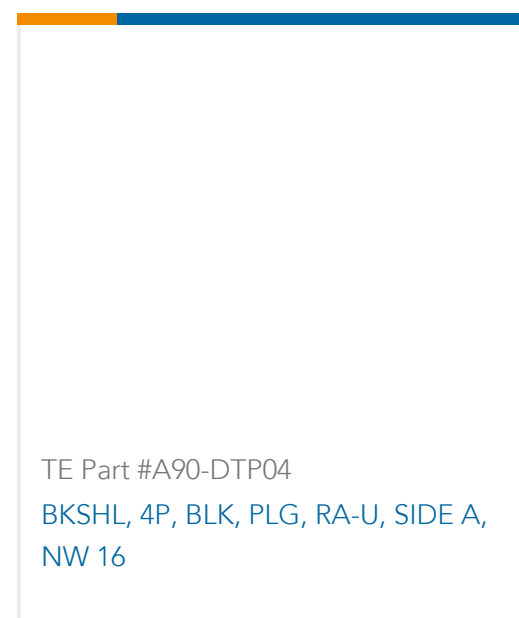
TE Part # 2266119-2  
OCEAN\_2.0\_APPLICATOR-S-069F068O



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



Customers Also Bought



Documents

Product Drawings

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

English

CAD Files

3D PDF

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English