



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 1062-12-0166

Socket, Pin Diameter 2.4 mm [.094 in], 14 – 12 AWG Wire Size, 2. – 4. mm<sup>2</sup> Wire Size, DEUTSCH Common Contact, Automotive Terminals

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Mating Pin Diameter: **2.4 mm [.094 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **2. – 4. mm<sup>2</sup>**

**Features**

**Product Type Features**

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

**Contact Features**

Contact Size	Size 12
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	25 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	2.4 mm [.094 in]
Interface Plating	Nickel (Ni)

**Termination Features**

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

**Dimensions**

Compatible Insulation Diameter Range	2.9 – 4.5 mm [.113 – .176 in]
Wire Size	2. – 4. mm <sup>2</sup>
Wire Size Search	12 AWG, 14 AWG

### 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
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### Packaging Features

Packaging Quantity	2500
Packaging Method	Reel

### Other

Customer Preferred Contact	Yes
Terminal Transmits	25 – 40 A (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 2024 (241) 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 # CAT-H3930-CH8172  
DEUTSCH HD30 Housings



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings




TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-D799-CH8172  
DEUTSCH DRC Housings



TE Part # JS-12-00  
JIFFY SPLICE, size 12



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # CAT-D486-CH8172  
DEUTSCH DTP Housings



TE Part # 0460-204-12141  
PIN, SOLID, SIZE 12, 12-14AWG, NI



TE Part # 1060-12-0166  
PIN, SF, SIZE 12, 12-14, NI/SN



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



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



TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings



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



TE Part # 2266124-1  
OCEAN\_2.0\_Applicator-S-117F156O-RSM



TE Part # 2266124-2  
OCEAN\_2.0\_Applicator-S-117F156O-RSA



TE Part # 2266125-1  
OCEAN-2.0-APPLICATOR-S-117F134O-RSM



TE Part # 2266125-2  
OCEAN-2.0-APPLICATOR-S-117F134O-RSA



TE Part # 2266126-1  
OCEAN\_2.0\_APPLICATOR-S-117F114O-RSM



TE Part # 2266126-2  
OCEAN\_2.0\_APPLICATOR-S-117F114O-RSA



TE Part # 2389167-1  
SDE F DEUTSCH (SIZE 12) 3.0-4.0mm<sup>2</sup> ASSY



## Also in the Series | DEUTSCH Common Contact



Automotive Terminals(91)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #1060-14-0122  
DEUTSCH Size 16 Crimp Contacts



TE Part #1060-12-0222  
PIN, SF, SIZE 12, 10, NI/NI



TE Part #1062-20-0144  
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part #EK5194-000  
ES2000-NO.6-H2-0-39MM



TE Part #1-1627187-3  
H430ET/R2500

## Documents

### Product Drawings

SOC, SF, SIZE 12, 12-14, NI/SN

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-12-0166\\_E\\_c-1062-12-0166-e.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-12-0166\\_E\\_c-1062-12-0166-e.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1062-12-0166\\_E\\_c-1062-12-0166-e.3d\\_stp.zip](#)



English

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**Datasheets & Catalog Pages**

**CONNECTOR SELECTOR**

English

**Product Specifications**

**Engineering Report**

English