



Terminals & Splices > Automotive Terminals



Terminal Type: **Pin**

Interface Plating: **Nickel (Ni)**

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

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

Wire Size: **10 AWG**

### Features

#### Operation/Application

Compatible With Wire Base Material	Copper
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#### Packaging Features

Packaging Method	Reel
Packaging Quantity	2000

#### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

#### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

#### Product Type Features

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

#### Dimensions

Compatible Insulation Diameter Range	3.6 – 5.2 mm[.14 – .204 in]
Wire Size	4 – 6 mm <sup>2</sup>



Wire Size Search	4 mm <sup>2</sup> , 5 mm <sup>2</sup> , 6 mm <sup>2</sup>
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**Other**

Customer Preferred Contact	Yes
Terminal Transmits	25 – 40 A (Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

**Contact Features**

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

**Body Features**

Terminal Seal Type	Family Seal or Unsealed
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**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

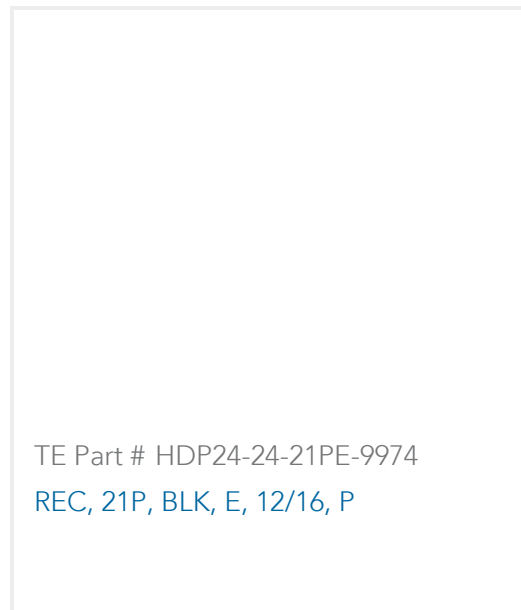
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # HDP24-24-21PE-9974  
REC, 21P, BLK, E, 12/16, P



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266127-8  
OCEAN\_2.0\_SPARE\_PART\_KIT-129F1900



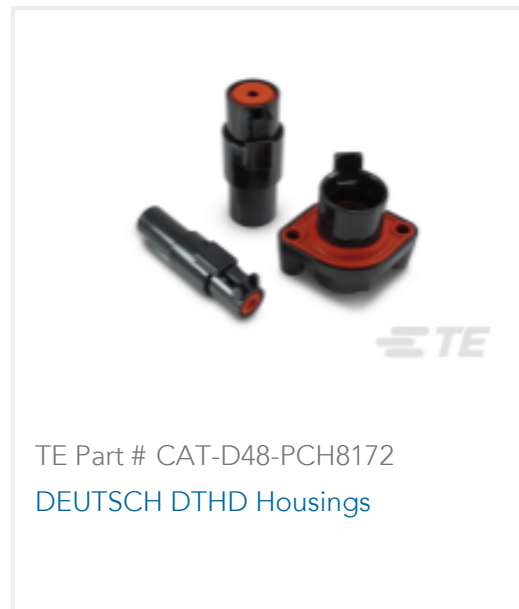
TE Part # 2445860-1  
36POS,HYBRID,PIN HSG ASSY,SLD, COD A



TE Part # 0462-203-12141  
SOC, SOLID, SIZE 12, 12-14AWG, NI



TE Part # CAT-H3910-CH8172  
DEUTSCH HD10 Housings



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # 1-2445860-1  
36POS,HYBRID,PIN HSG ASSY,SLD, COD A



TE Part # 2266128-1  
OCEAN\_2.0\_Applicator-S-129F1600-RSM



TE Part # 2266129-2  
OCEAN\_2.0\_APPLICATION-S-129F1300A-RSA



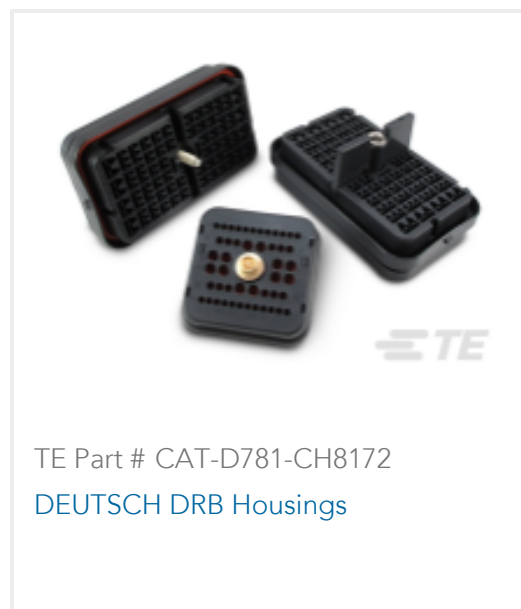
TE Part # 2266127-1  
OCEAN\_2.0\_Applicator-S-129F1900-RSM



TE Part # 1-2445860-2  
36POS,HYBRID,PIN HSG ASSY,SLD, COD B



TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-H3930-CH8172  
DEUTSCH HD30 Housings



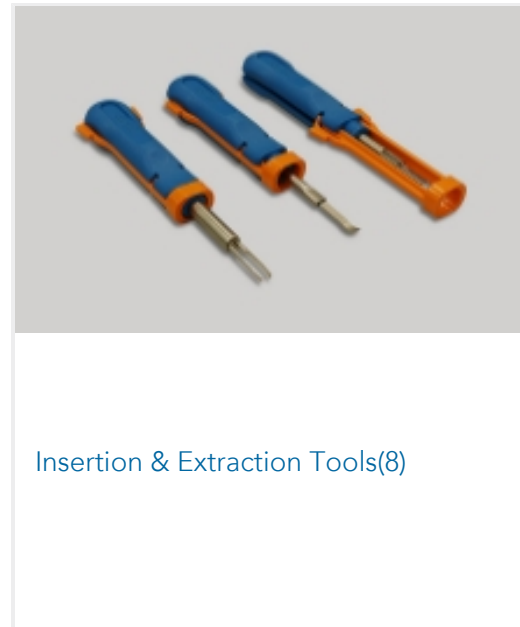
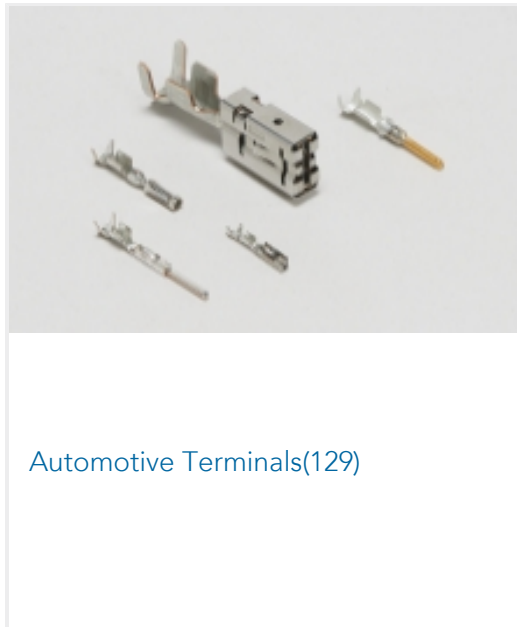
TE Part # 1-2445860-4  
36POS,HYBRID,PIN HSG ASSY,SLD, COD D



TE Part # 2266127-2  
OCEAN\_2.0\_Applicator-S-129F1900-RSA



## Also in the Series | DEUTSCH Common Contact



## Customers Also Bought



## Documents

[Product Drawings](#)  
[PIN, SF, SIZE 12, 10, NI/NI](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)



### Customer View Model

[ENG\\_CVM\\_CVM\\_1060-12-0222\\_E\\_c-1060-12-0222-e.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1060-12-0222\\_E\\_c-1060-12-0222-e.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1060-12-0222\\_E\\_c-1060-12-0222-e.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

[CONNECTOR SELECTOR](#)

English

## Product Specifications

[Engineering Report](#)

English