



Terminals & Splices > Automotive Terminals



Terminal Type: **Pin**  
Wire Size: **14 – 12 AWG**  
Interface Plating: **Gold (Au)**  
Primary Locking Feature: **Integrated in Housing**

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                         | 25 A             |
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | Size 12          |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Pin              |
| Interface Plating                              | Gold (Au)        |
| Mating Pin Diameter                            | 2.4 mm[.094 in]  |

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        | 14 – 12 AWG         |
| Wire Size Search | 2 mm², 3 mm², 4 mm² |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 150 °C[302 °F]             |
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 2500 |

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

|                                                                                                                                                           |                                                                                                                                                               |                                                                                                                                                                 |                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-D781-CH8172<br/>DEUTSCH DRB Housings</p>               |  <p>TE Part # 2389167-1<br/>SDE F DEUTSCH (SIZE 12) 3.0-4.0mm2 ASSY</p>      |  <p>TE Part # 2266125-2<br/>OCEAN-2.0-APPLICATOR-S-117F134O-RSA</p>          |  <p>TE Part # CAT-H3930-CH8172<br/>DEUTSCH HD30 Housings</p>            |
|  <p>TE Part # CAT-H396-CH8172<br/>DEUTSCH HDP20 Housings</p>           |  <p>TE Part # 2301337-1<br/>HDP24-24-91PE-P064, REC, 9P, E,8/12 /16,P</p> |  <p>TE Part # 7-2266124-8<br/>OCEAN_2.0_CONVERSIONKIT_DEUTSCH-117F156O</p> |  <p>TE Part # 2266124-2<br/>OCEAN_2.0_Applicator-S-117F156O-RSA</p>   |
|  <p>TE Part # CAT-D799-CH8172<br/>DEUTSCH DRC Housings</p>             |  <p>TE Part # 7-2266125-7<br/>OCEAN_2.0_SPARE_PART_KIT-117F134O</p>        |  <p>TE Part # 7-2266126-8<br/>OCEAN_2.0_CONVERSIONKIT_DEUTSCH-117F114O</p> |  <p>TE Part # 2389168-2<br/>SDE F DEUTSCH (12) 2.0-2.5mm2 DIE SET</p> |
|  <p>TE Part # CAT-H991-CH8172<br/>AMPSEAL 16 Hybrid Lever Housings</p> |  <p>TE Part # 2266126-2<br/>OCEAN_2.0-APPLICATOR-S-117F114O-RSA</p>        |  <p>TE Part # 2266124-1<br/>OCEAN_2.0_Applicator-S-117F156O-RSM</p>        |  <p>TE Part # 2266125-1<br/>OCEAN-2.0-APPLICATOR-S-117F134O-RSM</p>   |





TE Part # CAT-D486-CH8172  
DEUTSCH DTP Housings



TE Part # 1062-12-0144  
SOC, SF, SIZE 12, 12-14, AU/SN

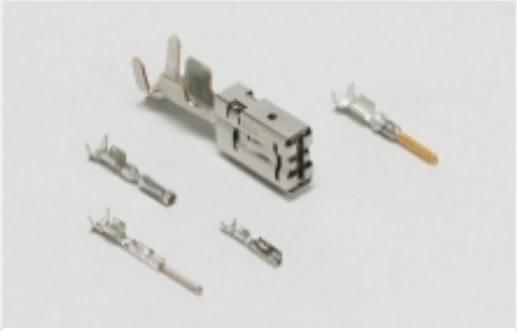


TE Part # DRCP24-86PA  
REC, 86P, BLK, 12/20, A



TE Part # 2389168-1  
SDE F DEUTSCH (SIZE 12) 2.0-2.5mm2 ASSY

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(127)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #5-1623927-6  
CFR16 5% 270R



TE Part #6-1623927-5  
CFR16 5% 2K7



TE Part #5-1623928-5  
CFR16 5% 820R



TE Part #3-1623928-3  
CFR16 5% 560R



TE Part #1247002-2  
MAGMATE "300 SERIE" WITH MULTISPRING PIN



TE Part #1062-12-0244  
SOC, SF, SIZE 12, 10, AU/SN



TE Part #1060-14-0144  
PIN, SF, SIZE 16, 14-18, AU/SN



TE Part #1623927-9  
CFR16 5% 12K

TE Part #KMAH1-13-1-C-S1-HE  
KMAH1-13-1-C-S1-HE

TE Part #KMAH1-09-1-C-S1-HE  
KMAH1-09-1-C-S1-HE



Documents

Product Drawings

PIN, SF, SIZE 12, 12-14, AU/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1060-12-0144\_K\_c-1060-12-0144-k.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1060-12-0144\_K\_c-1060-12-0144-k.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1060-12-0144\_K\_c-1060-12-0144-k.3d\_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English