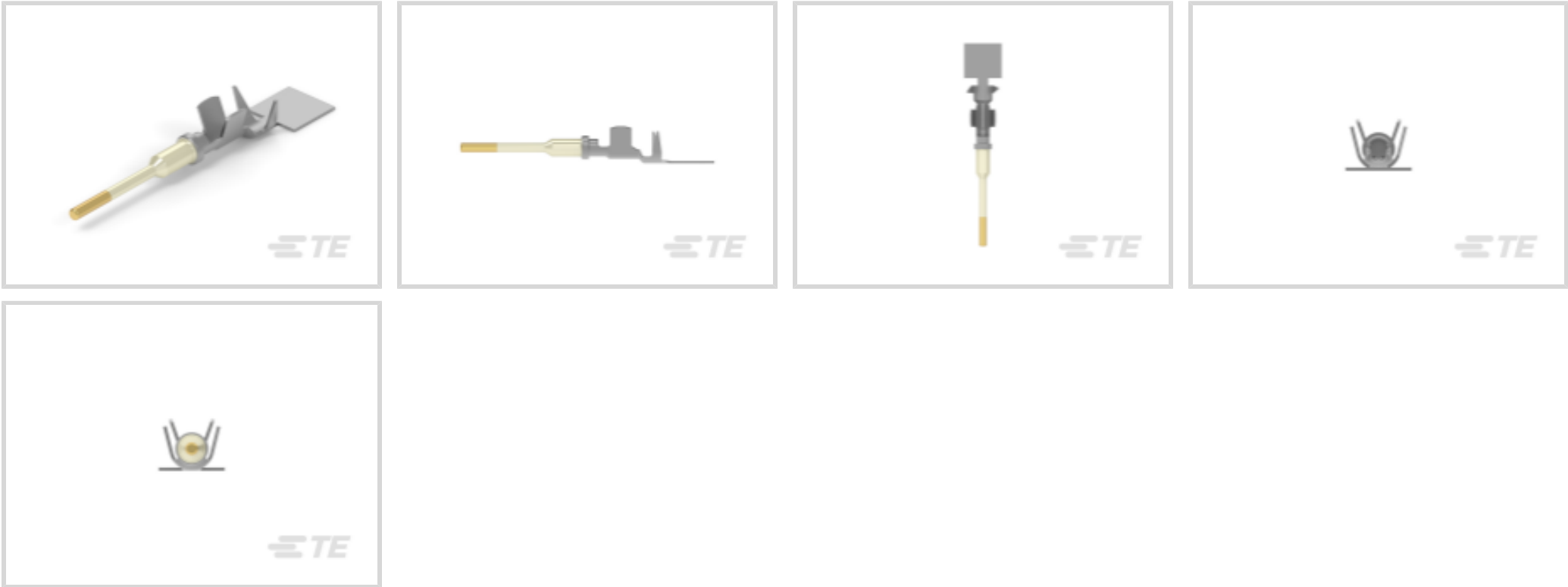




Terminals & Splices > Automotive Terminals



Terminal Type: Pin

Wire Size: 22 – 16 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                         | 7.5 A            |
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | Size 20          |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Pin              |
| Interface Plating                              | Gold (Au)        |
| 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 mm², .5 mm², .75 mm², 1 mm², 1.5 mm² |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 125 °C[257 °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 | 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: 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

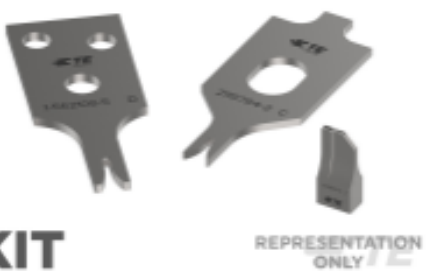
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|                                                                  |                                                                  |                                                               |                                                                   |
|------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------|
|                                                                  |                                                                  |                                                               |                                                                   |
| TE Part # DTM04-08PD-E018<br>REC, 8P, BRN, N, HIGH TEMP, D       | TE Part # 2266118-1<br>OCEAN_2.0_APPLICATOR-S-069F080O-RSM       | TE Part # CAT-ST858-CH8172<br>DEUTSCH Strike Housings         | TE Part # 5-2266118-1<br>OCEAN_2.0_APPLICATOR-S-069F080O-RSM      |
|                                                                  |                                                                  |                                                               |                                                                   |
| TE Part # 1-2445860-4<br>36POS, HYBRID, PIN HSG ASSY, SLD, COD D | TE Part # 1-2445860-2<br>36POS, HYBRID, PIN HSG ASSY, SLD, COD B | TE Part # 5-2266117-2<br>OCEAN-2.0-APPLICATOR-S-069F090OA-RSA | TE Part # 7-2266118-8<br>OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F080O |
|                                                                  |                                                                  |                                                               |                                                                   |
| TE Part # CAT-H3930-CH8172<br>DEUTSCH HD30 Housings              | TE Part # CAT-H396-CH8172<br>DEUTSCH HDP20 Housings              | TE Part # 2391435-2<br>SDE F PIN/SOCKET 16-18 DIE SET         | TE Part # DTM04-12PA-EE04<br>REC, 12P, BLK, N, HIGH TEMP, A       |



TE Part # DTMH04-4PC  
REC, 4P, BLK, N, HI TEMP, C



KIT  
REPRESENTATION ONLY

TE Part # 7-2266118-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-069F080O



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # YDTM04-08PB-L02500  
REC, 8P, BLK, N, FLANGE, B



TE Part # DTM04-08PD-E005  
REC, 8P, BLK, N, CAP, D



TE Part # DTM04-12PD-E005  
REC, 12P, BLK, N, CAP, D

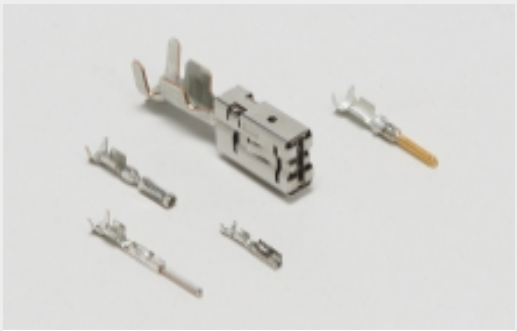


TE Part # 2266118-2  
OCEAN\_2.0\_APPLICATOR-S-069F080OA-RSA



TE Part # 1060-20-0244  
PIN, SF, SIZE 20, 16-22, AU/SN

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(127)



Insertion & Extraction Tools(8)

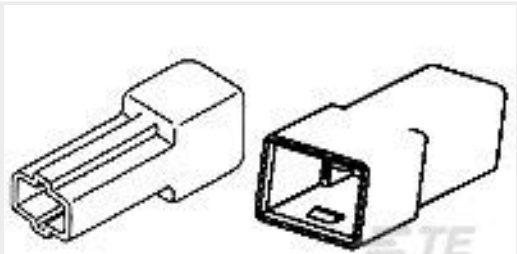
Customers Also Bought



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



TE Part #1062-20-0244  
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part #480053-4  
FF 250 TAB HSG 1P NYLON BLACK



TE Part #DT04-6P-CE03  
REC, 6P, BLK, E, CAP



TE Part #DTM04-2P-E004  
REC, 2P, BLK, N



TE Part #WM-2P  
WEDGE LOCK, 2P, REC, ORG, DTM



TE Part #NB11146001  
ATUM-40/13-0-75MM



TE Part #CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1060-20-0144\_J\_c-1060-20-0144-j.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1060-20-0144\_J\_c-1060-20-0144-j.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1060-20-0144\_J\_c-1060-20-0144-j.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

Application Specification

English