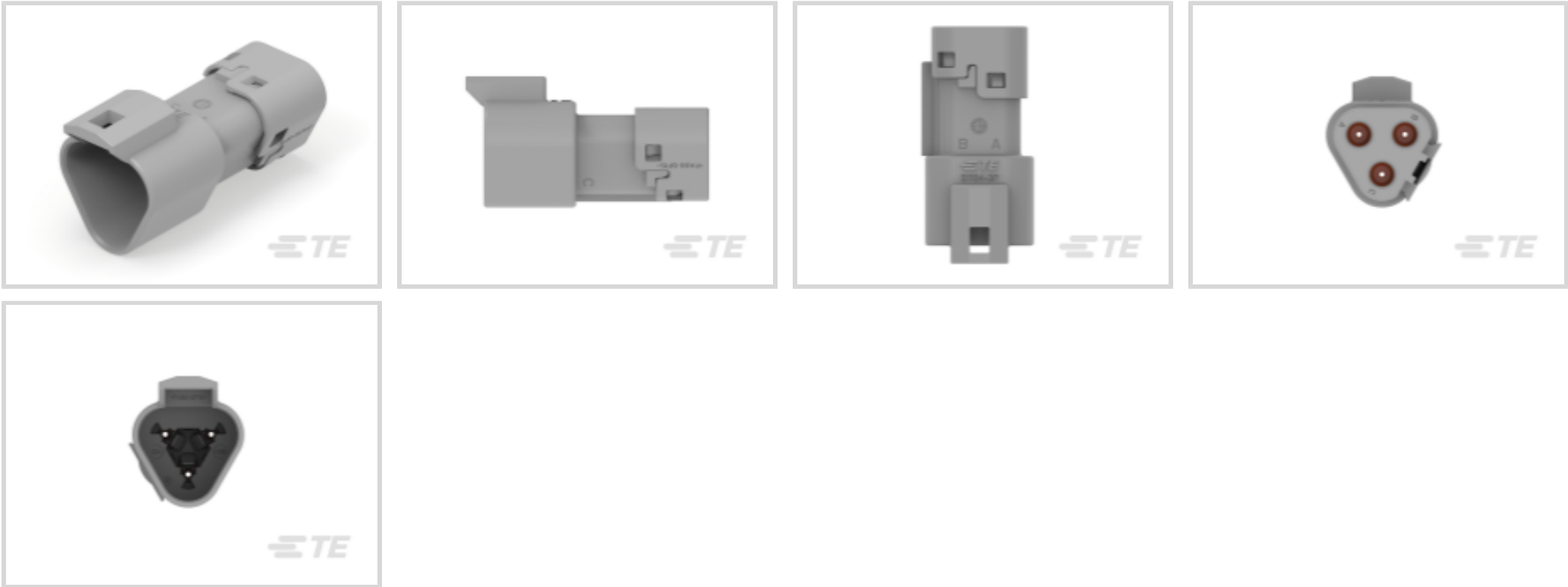




Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Connectors with snap cap



Number of Positions: 3

Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: 1.55 mm [.061 in ]

Connector System: **Wire-to-Wire**

Centerline (Pitch): 8.66 mm [.34 in ]

[All DEUTSCH DT Connectors with snap cap \(24\)](#)

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector          | No                         |
| Connector Shape                   | Triangular                 |
| Connector & Housing Type          | Housing for Male Terminals |
| Connector System                  | Wire-to-Wire               |
| Sealable                          | Yes                        |
| Primary Locking Feature           | Integrated in Housing      |
| Connector & Contact Terminates To | Wire & Cable               |

Configuration Features

|                       |   |
|-----------------------|---|
| Blank Cavity Position | 0 |
| Number of Positions   | 3 |
| Number of Rows        | 2 |

Electrical Characteristics

|  |  |
|--|--|
|  |  |
|--|--|



|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

|                              |       |
|------------------------------|-------|
| Nominal Voltage Architecture | 250 V |
|------------------------------|-------|

Body Features

|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|

|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

Contact Features

|              |         |
|--------------|---------|
| Contact Size | Size 16 |
|--------------|---------|

|              |     |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

|                     |                  |
|---------------------|------------------|
| Mating Pin Diameter | 1.55 mm[.061 in] |
|---------------------|------------------|

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 13 A |
|------------------------------|------|

Mechanical Attachment

|               |                  |
|---------------|------------------|
| Strain Relief | Add By Accessory |
|---------------|------------------|

|                             |    |
|-----------------------------|----|
| Terminal Position Assurance | No |
|-----------------------------|----|

|                       |           |
|-----------------------|-----------|
| Mating Alignment Type | Polarized |
|-----------------------|-----------|

|                  |      |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 8.66 mm[.34 in] |
|--------------------|-----------------|

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 2.23 – 3.68 mm[.088 – .145 in] |
|--------------------------------------|--------------------------------|

|               |                   |
|---------------|-------------------|
| Product Width | 21.13 mm[.832 in] |
|---------------|-------------------|

|                |                    |
|----------------|--------------------|
| Product Length | 45.93 mm[1.808 in] |
|----------------|--------------------|

|                  |                   |
|------------------|-------------------|
| Connector Height | 24.71 mm[.973 in] |
|------------------|-------------------|

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
|-----------------------------|----------------|

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|           |              |
|-----------|--------------|
| IP Rating | IP68, IP6K9K |
|-----------|--------------|

|                                           |           |
|-------------------------------------------|-----------|
| Compatible With Agency/Standards Products | SAE J2030 |
|-------------------------------------------|-----------|



|                        |                                    |
|------------------------|------------------------------------|
| UL Flammability Rating | 12mm Flame Test per Standard UL-94 |
|------------------------|------------------------------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 800 |
| Packaging Method   | Box |

Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | No  |

Product Compliance

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

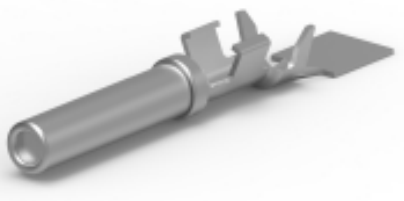
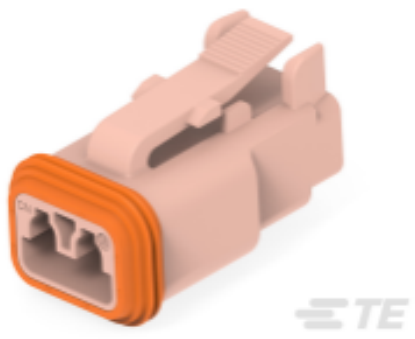
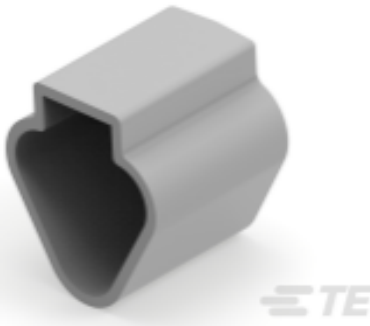
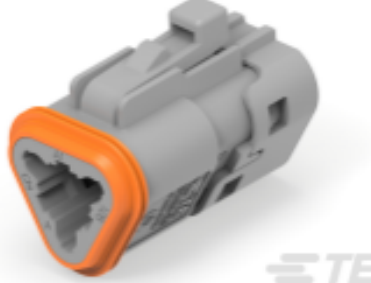
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in 27520126674)<br>Decamethylcyclopentasiloxane (D5) (.5% in 27520126674)<br>Octamethylcyclotetrasiloxane (D4) (.5% in 27520126674)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Product Compliance Disclaimer

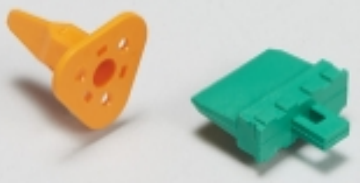
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-D487-M8649<br/>DEUTSCH DT Mounting Clips</p>  |  <p>TE Part # 1-2303816-3<br/>DT06-3S-TN32, PLG, 3P, BLK, N, SNAPCAP</p>   |  <p>TE Part # 2-2303816-3<br/>DT06-3S-TN82, PLG, 3P, BLK, N, SNAPXCAP</p>   |  <p>TE Part # CAT-J67-DSCC16<br/>DEUTSCH Size 16 Crimp Contacts</p>        |
|  <p>TE Part # CAT-J41-DDCC<br/>DEUTSCH DT Color Connectors</p> |  <p>TE Part # CAT-D48-SFT273<br/>DEUTSCH Stamped and Formed Contacts</p>  |  <p>TE Part # DT3P-DC<br/>PROTECT CVR, 3P, REC, GRY, DT</p>                |  <p>TE Part # DT-RT1<br/>EXT TOOL, FRONT RELEASE</p>                      |
|  <p>TE Part # CAT-D48-SP729<br/>DEUTSCH Sealing Plugs</p>     |  <p>TE Part # 2300908-1<br/>0460-003-16329, PIN, SOLID, 20-24AWG, AU</p> |  <p>TE Part # 2-2303816-2<br/>DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP</p> |  <p>TE Part # 1924487-2<br/>MOUNTING CLIP, AMPSEAL 16</p>                |
|  <p>TE Part # CAT-D487-W416<br/>Wedgelocks: DEUTSCH DT</p>    |  <p>TE Part # CAT-J41-DDPC<br/>DEUTSCH DT Plug Connectors</p>            |  <p>TE Part # CAT-D48-ST273<br/>DEUTSCH Solid Contacts</p>                |  <p>TE Part # 1-2303816-2<br/>DT06-3S-TN31, PLG, 3P, GRY, N, SNAPCAP</p> |

Also in the Series | DEUTSCH DT

|                                                                                                                                                    |                                                                                                                      |                                                                                                                             |                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Connector Locks &amp; Position Assurance(90)</p> |  <p>Automotive Housings(736)</p> |  <p>Connector Caps &amp; Covers(1)</p> |  <p>Connector Seals &amp; Cavity Plugs(18)</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|



Connector Strain Relief(31)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(107)

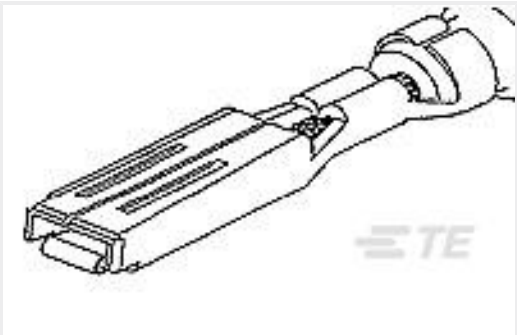


Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (106)

Customers Also Bought



TE Part #282466-1  
MINI MIC RCPT CONTACT >1,5-



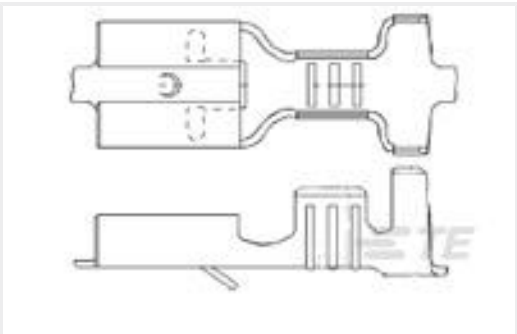
TE Part #DT8P-BT-BK  
BOOT, 8P, REC, ST, BLK



TE Part #W3S-P012  
WEDGE LOCK, 3P, PLG, GRN, SL RET, DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #63833-1  
FF 187 REC 18-14AWG BR



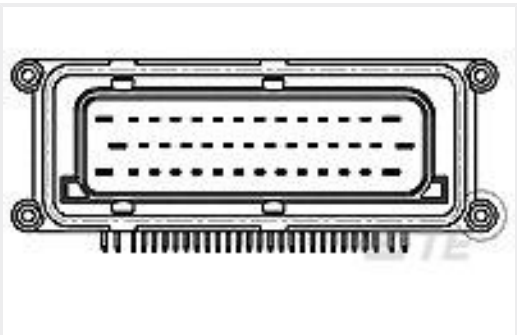
TE Part #DT6S-BT-BK  
BOOT, 6P, PLG, ST, BLK



TE Part #1062-16-0144  
SOC, SF, SIZE 16, 14-18, AU/SN



TE Part #1-66360-4  
III+ SKT, 18-14, 30AU/FL, LP



TE Part #1-963484-1  
MESSERLEISTE MIX70P

Documents



Product Drawings

DT04-3P-TN31, REC, 3P, GRY, N, SNAPCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2303813-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2303813-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2303813-2\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English