



DEUTSCH | [DEUTSCH DT](#), [DEUTSCH DTHD](#), [DEUTSCH DTSK](#)

TE Internal #: DTSK04-1-08PC

1 Position Housing, Housing for Male Terminals, Wire-to-Wire, Sealable, Brown, Wire & Cable, Power, Cable Mount (Free-Hanging) / Panel Mount, Hybrid

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 1

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

Mating Pin Diameter: **8 mm [ .315 in ]**

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

Sealable: **Yes**

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector          | No                         |
| Connector Shape                   | Circular                   |
| 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

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
| Number of Rows      | 1 |

Electrical Characteristics

|                              |            |
|------------------------------|------------|
| Operating Voltage            | 250 VDC    |
| Nominal Voltage Architecture | 12 V, 24 V |

Body Features



|                         |       |
|-------------------------|-------|
| Cable Exit Angle        | 180°  |
| Primary Product Color   | Brown |
| Connector & Keying Code | C     |

Contact Features

|                              |               |
|------------------------------|---------------|
| Contact Size                 | Size 8        |
| Contact Type                 | Pin           |
| Mating Pin Diameter          | 8 mm[.315 in] |
| Contact Current Rating (Max) | 150 A         |

Mechanical Attachment

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Strain Relief               | Add By Accessory                        |
| Terminal Position Assurance | Yes                                     |
| Mating Alignment Type       | Keyed                                   |
| Mating Alignment            | With                                    |
| Connector Mounting Type     | Cable Mount (Free-Hanging), Panel Mount |

Housing Features

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

Dimensions

|                                      |                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| Compatible Insulation Diameter Range | 10.59 – 11.59 mm, 8.17 – 9.66 mm, 9.49 – 10.52 mm[.417 – .456 in][.374 – .414 in][.322 – .38 in] |
| Product Width                        | 27.7 mm[1.091 in]                                                                                |
| Product Length                       | 80.41 mm[3.166 in]                                                                               |
| Connector Height                     | 27.7 mm[1.091 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 |
| UL Flammability Rating | Not Tested   |

Packaging Features

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



|                    |     |
|--------------------|-----|
| Packaging Quantity | 150 |
| 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>Does not contain REACH SVHC |
| 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





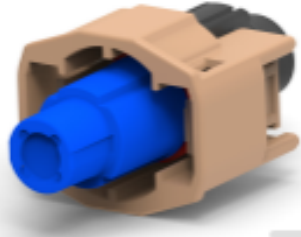
TE Part # 2289235-1  
DTSKF-1, DTSK FLANGE MOUNT



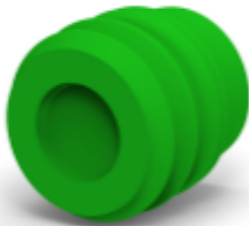
TE Part # DTSK04-1-08PA  
RECEPTACLE, INLINE, KEY A



TE Part # SRK-PC-080-35-601  
PIN, SOLID, SIZE M8, 35mm2, AG



TE Part # DTSK06-1-08SC  
PLUG, INLINE, KEY C



TE Part # 2289243-1  
WS-35-001, SEAL, GRN, 10.59-11.59, DTSK



TE Part # 2289241-1  
WS-25-001, SEAL, BLU, 8.17-9.66, DTSK



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # 2289242-1  
WS-32-001, SEAL, RED, 9.49-10.52, DTSK



TE Part # SRK-PC-080-25-601  
PIN, SOLID, SIZE M8, 25mm2, AG



TE Part # SRK-PC-080-32-601  
PIN, SOLID, SIZE M8, 32mm2, AG

Also in the Series | **DEUTSCH DTSK**



Automotive Housings(21)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(18)

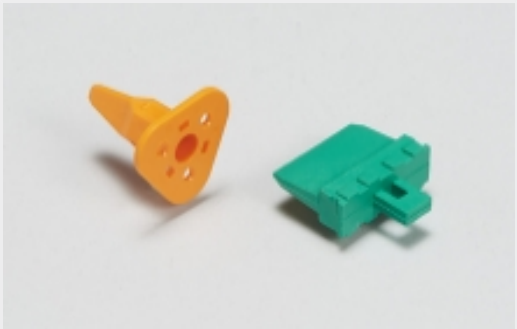


Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(1)

Also in the Series | **DEUTSCH DT**



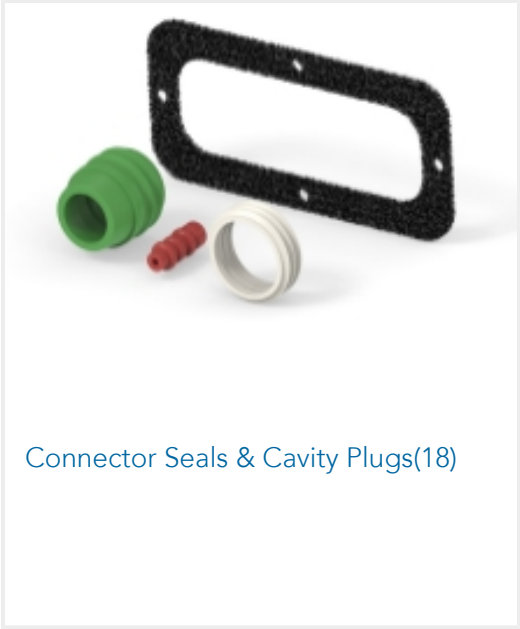
Automotive Connector Locks & Position Assurance(92)



Automotive Housings(21)



Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(18)



Connector Strain Relief(31)



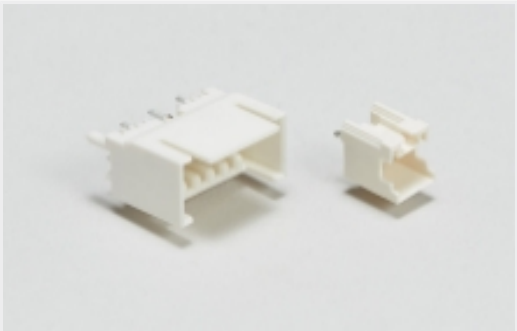
Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(107)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (106)

Also in the Series | **DEUTSCH DTHD**



Automotive Housings(21)



Other Automotive Connector Accessories(1)

Customers Also Bought





TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #SRK-SC-080-25-601  
SOC, SOLID, SIZE M8, 25mm2, AG



TE Part #2289235-1  
DTSKF-1, DTSK FLANGE MOUNT



TE Part #SRK-PC-080-35-601  
PIN, SOLID, SIZE M8, 35mm2, AG



TE Part #2289243-1  
WS-35-001, SEAL, GRN, 10.59-11.59, DTSK



TE Part #2289241-1  
WS-25-001, SEAL, BLU, 8.17-9.66, DTSK



TE Part #SRK-SC-080-32-601  
SOC, SOLID, SIZE M8, 32mm2, AG



TE Part #K1165872  
Battery Disconnecter 35-411-151-S



TE Part #SRK-PC-080-32-601  
PIN, SOLID, SIZE M8, 32mm2, AG

Documents

Product Drawings  
RECEPTACLE, INLINE, KEY C

English

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_DTSK04-1-08PC\_B.2d\_dxf.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_DTSK04-1-08PC\_B.3d\_igs.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_DTSK04-1-08PC\_B.3d\_stp.zip
- English

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

Datasheets & Catalog Pages



[DEUTSCH DTSK Connectors Series Brief](#)

English

[DEUTSCH DTSK Components Infographic](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

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[Product Specifications](#)

[Application Specification](#)

English