



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **1**  
Connector & Housing Type: **Housing for Male Terminals**  
Sealable: **Yes**  
Mating Pin Diameter: **8 mm [ .315 in ]**

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
| Number of Rows      | 0 |

Electrical Characteristics

|                              |            |
|------------------------------|------------|
| Operating Voltage            | 250 VAC    |
| 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

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

Housing Features

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

Dimensions

|                                      |  |
|--------------------------------------|--|
| Connector Height                     | 27.7 mm[1.091 in]  |
| Product Width                        | 27.7 mm[1.091 in]  |
| Product Length                       | 80.41 mm[3.166 in]   |
| Compatible Insulation Diameter Range | 8.17 – 9.66 mm, 9.49 – 10.52 mm, 10.59 – 11.59 mm[.322 – .38 in][.374 – .414 in][.417 – .456 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

|                        |              |
|------------------------|--------------|
| Degree of Protection   | 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 # DT-RT1  
EXT TOOL, FRONT RELEASE



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



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



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



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



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



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




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



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


Also in the Series | DEUTSCH DT




Automotive Connector Caps & Covers  
(19)




Automotive Connector Locks & Position Assurance(74)




Automotive Housings(658)



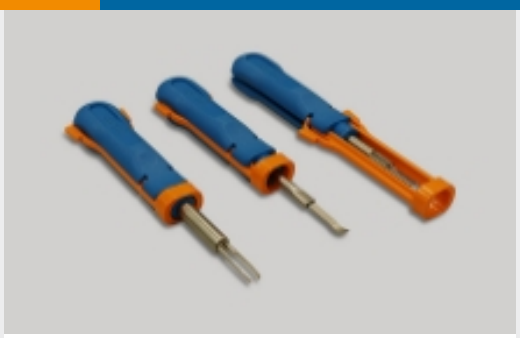
Connector Backshells(60)




Connector Seals & Cavity Plugs(6)



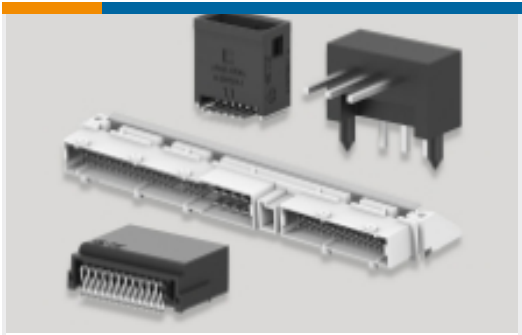
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(103)

Also in the Series | DEUTSCH DTHD



Automotive Housings(22)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #1-776180-5  
AMPSEAL PCB Horizontal Headers



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



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



TE Part #1743550-2  
GLOW PLUG 1P HSG



TE Part #2351769-1  
CONTACT, AWG 22-26



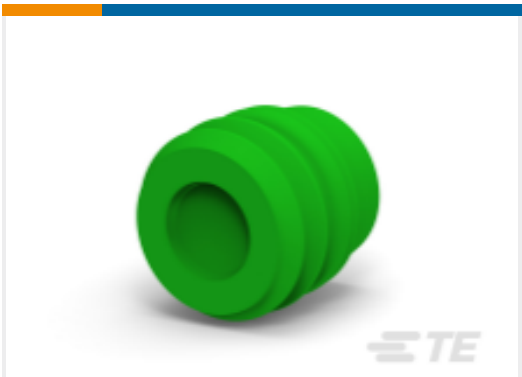
TE Part #SRK-PC-080-25-601  
PIN, SOLID, SIZE M8, 25mm2, AG



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



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



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





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

ICT Terminals and Connectors Catalogue

English

DEUTSCH DTSK Components Infographic

English

Product Specifications

Application Specification

English