



DEUTSCH | DEUTSCH DTHD, DEUTSCH DT, DEUTSCH DTSK

TE Internal #: DTSK04-1-08PB

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

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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

Housing Features

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

Industry Standards

|                        |              |
|------------------------|--------------|
| IP Rating              | IP6K9K, IP68 |
| UL Flammability Rating | Not tested   |

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]                                                                                |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 150 |
| Packaging Method   | Box |



Mechanical Attachment

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

Other

|                                      |           |
|--------------------------------------|-----------|
| Serviceable                          | Yes       |
| Connector Position Assurance Capable | No        |
| EU RoHS Compliance                   | Compliant |
| EU ELV Compliance                    | Compliant |

Electrical Characteristics

|                              |         |
|------------------------------|---------|
| Operating Voltage            | 250 VDC |
| Nominal Voltage Architecture | 250 V   |

Body Features

|                         |       |
|-------------------------|-------|
| Cable Exit Angle        | 180°  |
| Primary Product Color   | Black |
| Connector & Keying Code | B     |

Contact Features

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

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 |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 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 # DTSK06-1-08SB  
PLUG, INLINE, KEY B



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



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-080-32-601  
PIN, SOLID, SIZE M8, 32mm2, AG



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



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

Also in the Series | **DEUTSCH DTSK**



Automotive Housings(21)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(18)

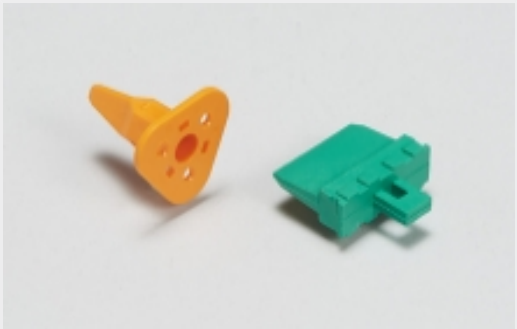


Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(1)

Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(90)



Automotive Headers(107)



Automotive Housings(21)



Connector Caps & Covers(1)



Connector Strain Relief(31)



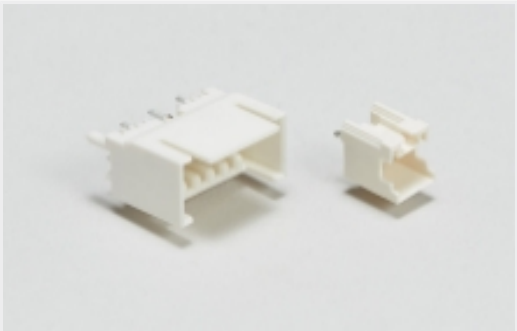
Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(1)



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

DTSK04-1-08PB

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



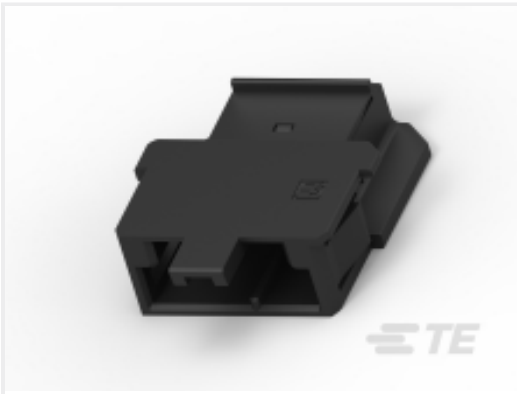
TE Part #CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part #1-968976-9  
MCP2.8 BU-GEH 3P



TE Part #1534112-1  
MQS RETAINER FOR 2POS REC.HSG



TE Part #1-968977-9  
2,8MM FLA-STE-GEH3P



TE Part #1241390-1  
AMP MCP 2.8K, CONTACT



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



TE Part #DTSK06-1-08SB  
PLUG, INLINE, KEY B



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



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

Documents

Product Drawings

RECEPTACLE, INLINE, KEY B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DTSK04-1-08PB\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DTSK04-1-08PB\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DTSK04-1-08PB\_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