## DEUTSCH | DEUTSCH DT, DEUTSCH DTHD

TE Internal #: DTSK06-1-08SC

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

View on TE.com >



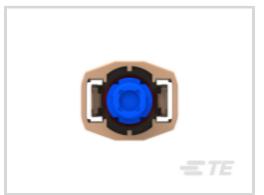
Connectors > Automotive Connectors > Automotive Housings











Connector System: Wire-to-Wire

Number of Positions: 1

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Pin Diameter: 8 mm [.315 in]

## **Features**

## Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female 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	С
Contact Features	
Contact Size	Size 8
Contact Type	Socket
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)
Housing Features	
Housing Material	PA GF
Dimensions	
Connector Height	32.5 mm[1.28 in]
Product Width	39.6 mm[1.559 in]
Product Length	36.49 mm[1.437 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)  Candidate List Declared Against: JUNE 2023 (235)  SVHC > Threshold:  Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)  Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)  Decamethylcyclopentasiloxane (D5) (.5% in Component Part)  Article Safe Usage Statements:  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





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



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



TE Part # DT-RT1 EXT TOOL, FRONT RELEASE



TE Part # DTSK04-1-08PC RECEPTACLE, INLINE, KEY C



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



TE Part # SRK-SC-080-35-601 SOC, SOLID, SIZE M8, 35mm2, AG



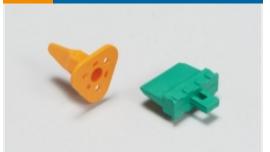
TE Part # 2289241-1 WS-25-001, SEAL, BLU, 8.17-9.66, DTSK



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

## Also in the Series | DEUTSCH DT





Position Assurance(74)







Connector Seals & Cavity Plugs(6)



Connector Strain Relief(28)



Insertion & Extraction Tools(3)

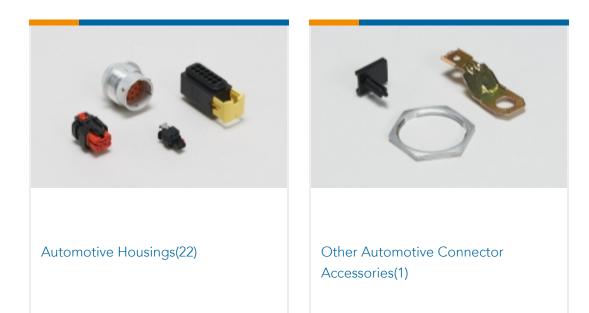


Other Automotive Connector Accessories(27)



Also in the Series | DEUTSCH DTHD

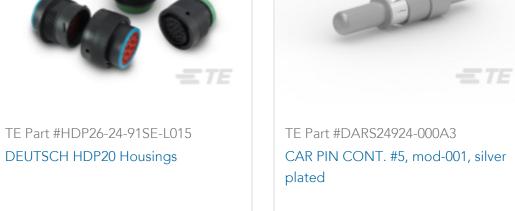




# Customers Also Bought



















## **Documents**

**Product Drawings** PLUG, INLINE, KEY C

English

**CAD Files** 

3D PDF

3D

**Customer View Model** ENG\_CVM\_CVM\_DTSK06-1-08SC\_C.2d\_dxf.zip



English

**Customer View Model** 

ENG\_CVM\_CVM\_DTSK06-1-08SC\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_DTSK06-1-08SC\_C.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